

# DESIGNED FOR THE FUTURE OF MOBILITY



## Product Catalog High Speed Components & Assemblies



• APTIV •

# At Aptiv, we are born to move

Aptiv is a **global technology company** that develops safer, greener and more connected solutions enabling the future of mobility.

Headquartered in Dublin, Aptiv has more than 200,000 employees and operates 11 major technical centers, as well as 138 manufacturing sites and customer support centers in 50 countries worldwide.

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Aptiv is ready when and where you need us



## Data Connectivity: High Speed Components & Assemblies

ONE OF THE INDUSTRY'S MOST  
COMPLETE AUTOMOTIVE CONNECTION  
SYSTEM PORTFOLIO.



## Enabling the future of in-vehicle networking

To enable seamless transmission of data for applications such as radars, lidars, cameras and other sensors, we've developed a robust line of high-speed cable assemblies.

Aptiv data connectivity solutions bring our legendary reliability and performance to this continually evolving product portfolio including headers, terminals and cable assemblies to meet OEM's connectivity requirements.



• APTIV •



# A comprehensive product portfolio



## Product Introduction

High Speed FAKRA connectors support multi-gigabit data rates and power over coax for a simpler design.

Mini coax connectors cavity and interface compatible with industry standards, supporting higher data rates as next generation of high speed fakra.

Auto Matable Modular Ethernet Connector can scale from 100 Mbps to 1 Gbps within the same footprint.

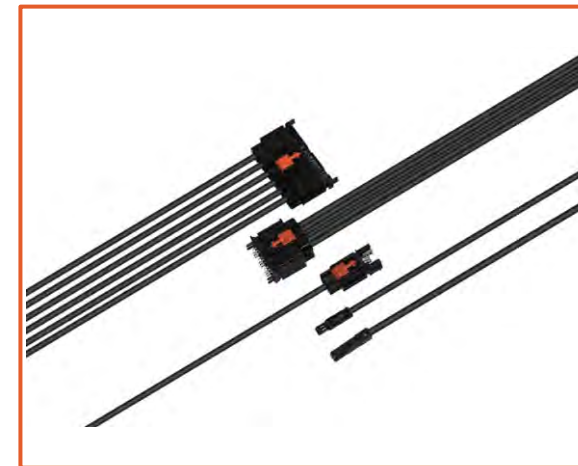
High-Speed Modular Twisted-Pair Data (H-MTD) is a connector system that supports frequencies up to 20 GHz and data transmission rates up to 56 Gbps.



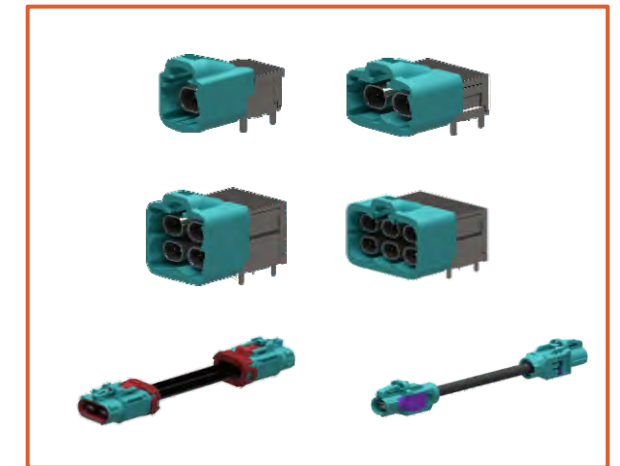
- Stamped and formed terminal
- Up to 6 Ghz
- FAKRA II Interface
- Wide variety of coax cables
- RF Antennas
- Cameras – LVDS
- Power over coax



- Stamped and formed terminal
- Up to 15 Ghz
- Type A and Type B interface compatible
- Ideal for next generation coax applications



- 050 Components
- Modular Concept
- Broad portfolio
- UTP and STP cable
- Mixed connectors
- Smart sensors and modules
- up to 100 Mbps and 1 Gbps



- Fully shielded
- Up to 15 Ghz
- Rosenberger Interface
- STP / SPP cable
- Supports above 1 Gbps Ethernet
- Next generation smart sensors and modules up to 20 Gbps

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## H-MTD

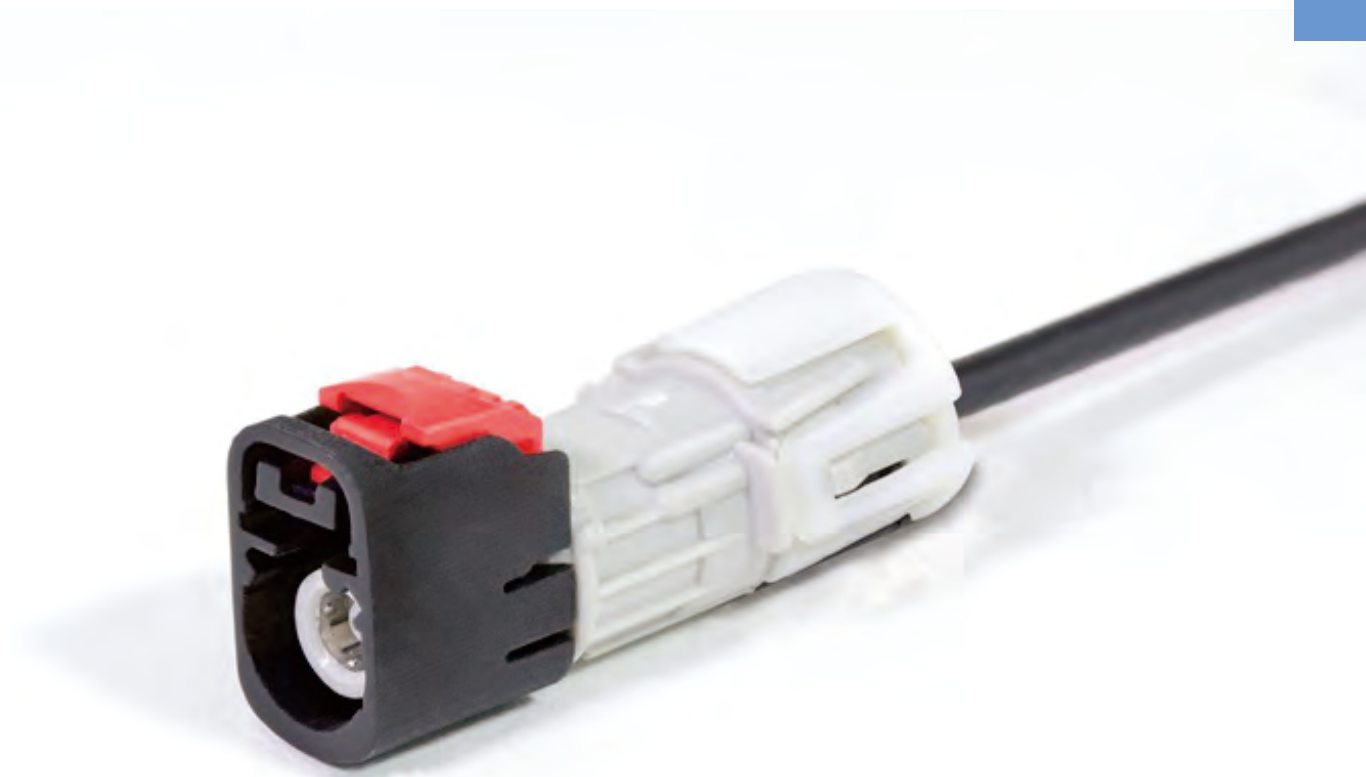
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|                    |         |
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# High Speed FAKRA

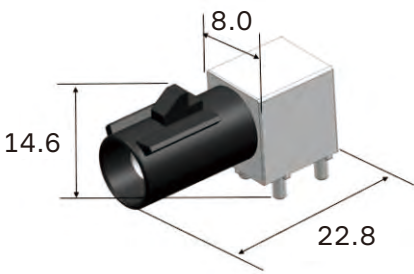
High Speed FAKRA connectors support multi-gigabit data rates and power over coax for a simpler design. The HSF series supports a wide range of coaxial cable types and is offered in unsealed and sealed connector types. The connectors use cost effective stamped terminals and provide audible and tactile feedback when properly mated.



High Speed FAKRA



Fakra 1 Port Unsealed 90° Header



Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies
- PCB connectors SMD Pin-in-Paste soldering types
- Highest mechanical robustness

Fakra 1P unsealed 90° header

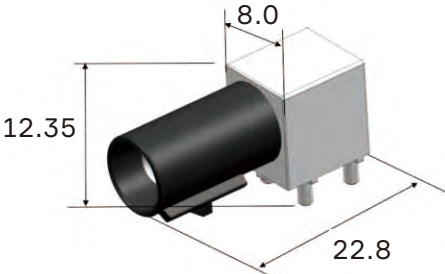
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1 A max    | SAE-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions          | Available Codes                    |
|--------|-------------|-------|--------|------|---------------------|------------------------------------|
| 1      | 35554907    | 90°   | M      | A    | 22.80 x 8.0 x 14.60 | A, B, C, D, E, F, G, H, I, K, M, Z |
| 2      | 35554908    | 90°   | M      | B    | 22.80 x 8.0 x 14.60 |                                    |
| 3      | 35554909    | 90°   | M      | C    | 22.80 x 8.0 x 14.60 |                                    |
| 4      | 35554910    | 90°   | M      | D    | 22.80 x 8.0 x 14.60 |                                    |
| 5      | 35554911    | 90°   | M      | E    | 22.80 x 8.0 x 14.60 |                                    |
| 6      | 35554912    | 90°   | M      | F    | 22.80 x 8.0 x 14.60 |                                    |
| 7      | 35554914    | 90°   | M      | G    | 22.80 x 8.0 x 14.60 |                                    |
| 8      | 35554915    | 90°   | M      | H    | 22.80 x 8.0 x 14.60 |                                    |
| 9      | 35554916    | 90°   | M      | I    | 22.80 x 8.0 x 14.60 |                                    |
| 10     | 35554917    | 90°   | M      | K    | 22.80 x 8.0 x 14.60 |                                    |
| 11     | 35554918    | 90°   | M      | L    | 22.80 x 8.0 x 14.60 |                                    |
| 12     | 35554919    | 90°   | M      | M    | 22.80 x 8.0 x 14.60 |                                    |
| 13     | 35554920    | 90°   | M      | N    | 22.80 x 8.0 x 14.60 |                                    |
| 14     | 35554921    | 90°   | M      | Z    | 22.80 x 8.0 x 14.60 |                                    |

Fakra 1 Port Unsealed 90° Header (Reverse)



Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies
- PCB connectors SMD Pin-in-Paste soldering types
- Highest mechanical robustness

Fakra 1P unsealed 90° header (Reverse)

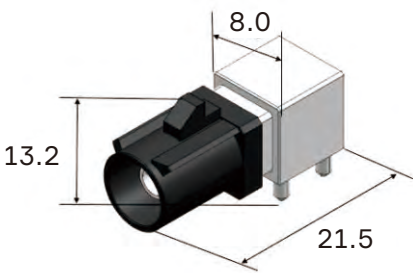
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1 A max    | SAE-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions          | Available Codes                    |
|--------|-------------|-------|--------|------|---------------------|------------------------------------|
| 1      | 35765406    | 90°   | M      | A    | 22.80 x 8.0 x 12.35 | A, B, C, D, E, F, G, H, I, K, M, Z |
| 2      | 35765407    | 90°   | M      | B    | 22.80 x 8.0 x 12.35 |                                    |
| 3      | 35765408    | 90°   | M      | C    | 22.80 x 8.0 x 12.35 |                                    |
| 4      | 35765409    | 90°   | M      | D    | 22.80 x 8.0 x 12.35 |                                    |
| 5      | 35765410    | 90°   | M      | E    | 22.80 x 8.0 x 12.35 |                                    |
| 6      | 35765411    | 90°   | M      | F    | 22.80 x 8.0 x 12.35 |                                    |
| 7      | 35765412    | 90°   | M      | G    | 22.80 x 8.0 x 12.35 |                                    |
| 8      | 35765413    | 90°   | M      | H    | 22.80 x 8.0 x 12.35 |                                    |
| 9      | 35765414    | 90°   | M      | I    | 22.80 x 8.0 x 12.35 |                                    |
| 10     | 35765415    | 90°   | M      | K    | 22.80 x 8.0 x 12.35 |                                    |
| 11     | 35765416    | 90°   | M      | L    | 22.80 x 8.0 x 12.35 |                                    |
| 12     | 35765417    | 90°   | M      | M    | 22.80 x 8.0 x 12.35 |                                    |
| 13     | 35765418    | 90°   | M      | N    | 22.80 x 8.0 x 12.35 |                                    |
| 14     | 35765419    | 90°   | M      | Z    | 22.80 x 8.0 x 12.35 |                                    |

Fakra 1 Port Unsealed 90° Header



Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
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- Highest mechanical robustness

Fakra 1P unsealed 90° header

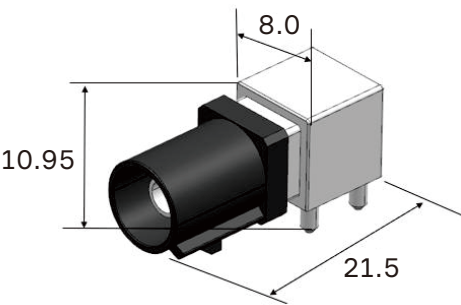
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1 A max    | SAE-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions        | Available Codes                    |
|--------|-------------|-------|--------|------|-------------------|------------------------------------|
| 1      | 35600523    | 90°   | M      | A    | 21.5 x 8.0 x 13.2 | A, B, C, D, E, F, G, H, I, K, M, Z |
| 2      | 35600525    | 90°   | M      | B    | 21.5 x 8.0 x 13.2 |                                    |
| 3      | 35600528    | 90°   | M      | C    | 21.5 x 8.0 x 13.2 |                                    |
| 4      | 35600531    | 90°   | M      | D    | 21.5 x 8.0 x 13.2 |                                    |
| 5      | 35600532    | 90°   | M      | E    | 21.5 x 8.0 x 13.2 |                                    |
| 6      | 35600540    | 90°   | M      | F    | 21.5 x 8.0 x 13.2 |                                    |
| 7      | 35600541    | 90°   | M      | G    | 21.5 x 8.0 x 13.2 |                                    |
| 8      | 35600544    | 90°   | M      | H    | 21.5 x 8.0 x 13.2 |                                    |
| 9      | 35600546    | 90°   | M      | I    | 21.5 x 8.0 x 13.2 |                                    |
| 10     | 35600548    | 90°   | M      | K    | 21.5 x 8.0 x 13.2 |                                    |
| 11     | 35600551    | 90°   | M      | L    | 21.5 x 8.0 x 13.2 |                                    |
| 12     | 35600553    | 90°   | M      | M    | 21.5 x 8.0 x 13.2 |                                    |
| 13     | 35600555    | 90°   | M      | N    | 21.5 x 8.0 x 13.2 |                                    |
| 14     | 35600557    | 90°   | M      | Z    | 21.5 x 8.0 x 13.2 |                                    |

Fakra 1 Port Unsealed 90° Header (Reverse)



Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies
- PCB connectors SMD Pin-in-Paste soldering types
- Highest mechanical robustness

Fakra 1P unsealed 90° header (reverse)

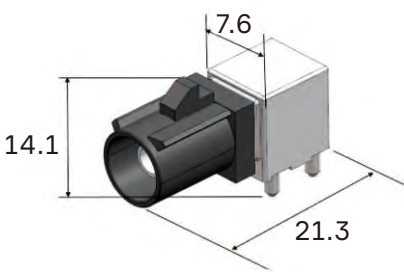
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1 A max    | SAE-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes                    |
|--------|-------------|-------|--------|------|--------------------|------------------------------------|
| 1      | 35641824    | 90°   | M      | A    | 21.5 x 8.0 x 10.95 | A, B, C, D, E, F, G, H, I, K, M, Z |
| 2      | 35641825    | 90°   | M      | B    | 21.5 x 8.0 x 10.95 |                                    |
| 3      | 35641826    | 90°   | M      | C    | 21.5 x 8.0 x 10.95 |                                    |
| 4      | 35641827    | 90°   | M      | D    | 21.5 x 8.0 x 10.95 |                                    |
| 5      | 35641828    | 90°   | M      | E    | 21.5 x 8.0 x 10.95 |                                    |
| 6      | 35641829    | 90°   | M      | F    | 21.5 x 8.0 x 10.95 |                                    |
| 7      | 35641830    | 90°   | M      | G    | 21.5 x 8.0 x 10.95 |                                    |
| 8      | 35641831    | 90°   | M      | H    | 21.5 x 8.0 x 10.95 |                                    |
| 9      | 35641832    | 90°   | M      | I    | 21.5 x 8.0 x 10.95 |                                    |
| 10     | 35641833    | 90°   | M      | K    | 21.5 x 8.0 x 10.95 |                                    |
| 11     | 35641834    | 90°   | M      | L    | 21.5 x 8.0 x 10.95 |                                    |
| 12     | 35641835    | 90°   | M      | M    | 21.5 x 8.0 x 10.95 |                                    |
| 13     | 35641836    | 90°   | M      | N    | 21.5 x 8.0 x 10.95 |                                    |
| 14     | 35641837    | 90°   | M      | Z    | 21.5 x 8.0 x 10.95 |                                    |

Fakra 1 Port Unsealed 90° Header



Fakra 1P unsealed 90° header

Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
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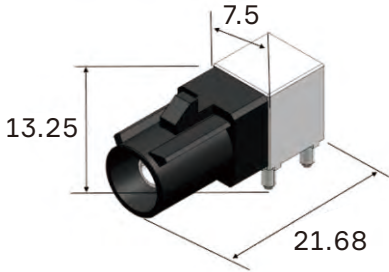
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1 A max    | SAE-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions        | Available Codes                    |
|--------|-------------|-------|--------|------|-------------------|------------------------------------|
| 1      | 35536563    | 90°   | M      | A    | 21.3 x 7.6 x 14.1 | A, B, C, D, E, F, G, H, I, K, M, Z |
| 2      | 35536564    | 90°   | M      | B    | 21.3 x 7.6 x 14.1 |                                    |
| 3      | 35536565    | 90°   | M      | C    | 21.3 x 7.6 x 14.1 |                                    |
| 4      | 35536566    | 90°   | M      | D    | 21.3 x 7.6 x 14.1 |                                    |
| 5      | 35536567    | 90°   | M      | E    | 21.3 x 7.6 x 14.1 |                                    |
| 6      | 35536569    | 90°   | M      | F    | 21.3 x 7.6 x 14.1 |                                    |
| 7      | 35536570    | 90°   | M      | G    | 21.3 x 7.6 x 14.1 |                                    |
| 8      | 35536571    | 90°   | M      | H    | 21.3 x 7.6 x 14.1 |                                    |
| 9      | 35536574    | 90°   | M      | I    | 21.3 x 7.6 x 14.1 |                                    |
| 10     | 35536576    | 90°   | M      | K    | 21.3 x 7.6 x 14.1 |                                    |
| 11     | 35536579    | 90°   | M      | L    | 21.3 x 7.6 x 14.1 |                                    |
| 12     | 35536581    | 90°   | M      | M    | 21.3 x 7.6 x 14.1 |                                    |
| 13     | 35536583    | 90°   | M      | N    | 21.3 x 7.6 x 14.1 |                                    |
| 14     | 35536584    | 90°   | M      | Z    | 21.3 x 7.6 x 14.1 |                                    |

Fakra 1 Port Unsealed 90° Header



Fakra 1P unsealed 90° header

Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies
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Technical Characteristics

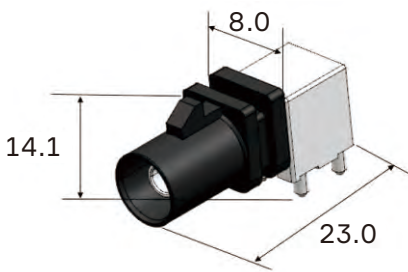
| Operating Temperature | Sealing            | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1 A max    | SAE-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions          | Available Codes                          |
|--------|-------------|-------|--------|------|---------------------|------------------------------------------|
| 1      | 35600497    | 90°   | M      | A    | 21.68 x 7.5 x 13.25 | A, B, C, D, E, F, G, H, I, K, L, M, N, Z |
| 2      | 35600498    | 90°   | M      | B    | 21.68 x 7.5 x 13.25 |                                          |
| 3      | 35600499    | 90°   | M      | C    | 21.68 x 7.5 x 13.25 |                                          |
| 4      | 35600500    | 90°   | M      | D    | 21.68 x 7.5 x 13.25 |                                          |
| 5      | 35600501    | 90°   | M      | E    | 21.68 x 7.5 x 13.25 |                                          |
| 6      | 35600502    | 90°   | M      | F    | 21.68 x 7.5 x 13.25 |                                          |
| 7      | 35600503    | 90°   | M      | G    | 21.68 x 7.5 x 13.25 |                                          |
| 8      | 35600504    | 90°   | M      | H    | 21.68 x 7.5 x 13.25 |                                          |
| 9      | 35600507    | 90°   | M      | I    | 21.68 x 7.5 x 13.25 |                                          |
| 10     | 35600508    | 90°   | M      | K    | 21.68 x 7.5 x 13.25 |                                          |
| 11     | 35600515    | 90°   | M      | L    | 21.68 x 7.5 x 13.25 |                                          |
| 12     | 35600517    | 90°   | M      | M    | 21.68 x 7.5 x 13.25 |                                          |
| 13     | 35600519    | 90°   | M      | N    | 21.68 x 7.5 x 13.25 |                                          |
| 14     | 35600522    | 90°   | M      | Z    | 21.68 x 7.5 x 13.25 |                                          |



Fakra 1 Port Unsealed 90° Header



Fakra 1P unsealed 90° header

Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
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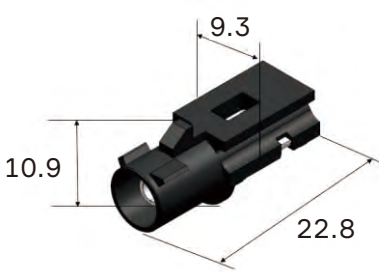
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1 A max    | SAE-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions        | Available Codes |
|--------|-------------|-------|--------|------|-------------------|-----------------|
| 1      | 35685337    | 90°   | M      | A    | 23.0 x 8.0 x 14.1 | C, Z            |
| 2      | 35685339    | 90°   | M      | B    | 23.0 x 8.0 x 14.1 |                 |
| 3      | 35685340    | 90°   | M      | C    | 23.0 x 8.0 x 14.1 |                 |
| 4      | 35685341    | 90°   | M      | D    | 23.0 x 8.0 x 14.1 |                 |
| 5      | 35685342    | 90°   | M      | E    | 23.0 x 8.0 x 14.1 |                 |
| 6      | 35685345    | 90°   | M      | F    | 23.0 x 8.0 x 14.1 |                 |
| 7      | 35685353    | 90°   | M      | G    | 23.0 x 8.0 x 14.1 |                 |
| 8      | 35685356    | 90°   | M      | H    | 23.0 x 8.0 x 14.1 |                 |
| 9      | 35685357    | 90°   | M      | I    | 23.0 x 8.0 x 14.1 |                 |
| 10     | 35685359    | 90°   | M      | K    | 23.0 x 8.0 x 14.1 |                 |
| 11     | 35685360    | 90°   | M      | L    | 23.0 x 8.0 x 14.1 |                 |
| 12     | 35685363    | 90°   | M      | M    | 23.0 x 8.0 x 14.1 |                 |
| 13     | 35685365    | 90°   | M      | N    | 23.0 x 8.0 x 14.1 |                 |
| 14     | 35685366    | 90°   | M      | Z    | 23.0 x 8.0 x 14.1 |                 |

Fakra 1 Port Unsealed 90° Header



Fakra 1P unsealed 90° header

Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
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- PCB connectors SMD Pin-in-Paste soldering types
- Highest mechanical robustness

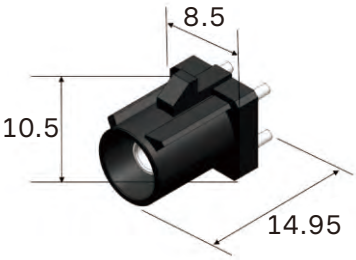
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1 A max    | SAE-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions        | Available Codes                          |
|--------|-------------|-------|--------|------|-------------------|------------------------------------------|
| 1      | 35600680    | 90°   | M      | A    | 22.8 x 9.3 x 10.9 | A, B, C, D, E, F, G, H, I, K, L, M, N, Z |
| 2      | 35600681    | 90°   | M      | B    | 22.8 x 9.3 x 10.9 |                                          |
| 3      | 35600682    | 90°   | M      | C    | 22.8 x 9.3 x 10.9 |                                          |
| 4      | 35600683    | 90°   | M      | D    | 22.8 x 9.3 x 10.9 |                                          |
| 5      | 35600684    | 90°   | M      | E    | 22.8 x 9.3 x 10.9 |                                          |
| 6      | 35600685    | 90°   | M      | F    | 22.8 x 9.3 x 10.9 |                                          |
| 7      | 35600686    | 90°   | M      | G    | 22.8 x 9.3 x 10.9 |                                          |
| 8      | 35600687    | 90°   | M      | H    | 22.8 x 9.3 x 10.9 |                                          |
| 9      | 35600688    | 90°   | M      | I    | 22.8 x 9.3 x 10.9 |                                          |
| 10     | 35600689    | 90°   | M      | K    | 22.8 x 9.3 x 10.9 |                                          |
| 11     | 35600690    | 90°   | M      | L    | 22.8 x 9.3 x 10.9 |                                          |
| 12     | 35600691    | 90°   | M      | M    | 22.8 x 9.3 x 10.9 |                                          |
| 13     | 35600693    | 90°   | M      | N    | 22.8 x 9.3 x 10.9 |                                          |
| 14     | 35600694    | 90°   | M      | Z    | 22.8 x 9.3 x 10.9 |                                          |

Fakra 1 Port Unsealed 180° Header



Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies
- PCB connectors SMD Pin-in-Paste soldering types
- Highest mechanical robustness

Fakra 1P unsealed 180° header

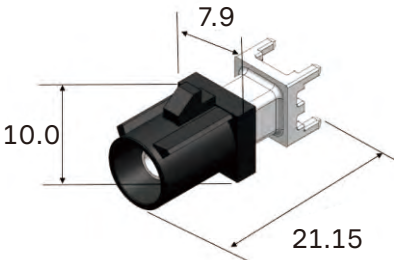
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1 A max    | SAE-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes                    |
|--------|-------------|-------|--------|------|--------------------|------------------------------------|
| 1      | 35600558    | 180°  | M      | A    | 14.95 x 8.5 x 10.5 | A, B, C, D, E, F, G, H, I, K, M, Z |
| 2      | 35600559    | 180°  | M      | B    | 14.95 x 8.5 x 10.5 |                                    |
| 3      | 35600561    | 180°  | M      | C    | 14.95 x 8.5 x 10.5 |                                    |
| 4      | 35600562    | 180°  | M      | D    | 14.95 x 8.5 x 10.5 |                                    |
| 5      | 35600563    | 180°  | M      | E    | 14.95 x 8.5 x 10.5 |                                    |
| 6      | 35600564    | 180°  | M      | F    | 14.95 x 8.5 x 10.5 |                                    |
| 7      | 35600566    | 180°  | M      | G    | 14.95 x 8.5 x 10.5 |                                    |
| 8      | 35600567    | 180°  | M      | H    | 14.95 x 8.5 x 10.5 |                                    |
| 9      | 35600568    | 180°  | M      | I    | 14.95 x 8.5 x 10.5 |                                    |
| 10     | 35600570    | 180°  | M      | K    | 14.95 x 8.5 x 10.5 |                                    |
| 11     | 35600573    | 180°  | M      | L    | 14.95 x 8.5 x 10.5 |                                    |
| 12     | 35600576    | 180°  | M      | M    | 14.95 x 8.5 x 10.5 |                                    |
| 13     | 35600584    | 180°  | M      | N    | 14.95 x 8.5 x 10.5 |                                    |
| 14     | 35600587    | 180°  | M      | Z    | 14.95 x 8.5 x 10.5 |                                    |

Fakra 1 Port Unsealed 180° Header



Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies
- PCB connectors SMD Pin-in-Paste soldering types
- Highest mechanical robustness

Fakra 1P unsealed 180° header

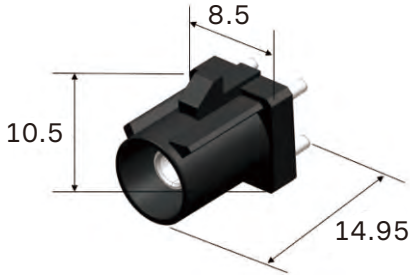
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1 A max    | SAE-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes                    |
|--------|-------------|-------|--------|------|--------------------|------------------------------------|
| 1      | 35600665    | 180°  | M      | A    | 21.15 x 7.9 x 10.0 | A, B, C, D, E, F, G, H, I, K, M, Z |
| 2      | 35600666    | 180°  | M      | B    | 21.15 x 7.9 x 10.0 |                                    |
| 3      | 35600667    | 180°  | M      | C    | 21.15 x 7.9 x 10.0 |                                    |
| 4      | 35600668    | 180°  | M      | D    | 21.15 x 7.9 x 10.0 |                                    |
| 5      | 35600669    | 180°  | M      | E    | 21.15 x 7.9 x 10.0 |                                    |
| 6      | 35600670    | 180°  | M      | F    | 21.15 x 7.9 x 10.0 |                                    |
| 7      | 35600671    | 180°  | M      | G    | 21.15 x 7.9 x 10.0 |                                    |
| 8      | 35600672    | 180°  | M      | H    | 21.15 x 7.9 x 10.0 |                                    |
| 9      | 35600673    | 180°  | M      | I    | 21.15 x 7.9 x 10.0 |                                    |
| 10     | 35600674    | 180°  | M      | K    | 21.15 x 7.9 x 10.0 |                                    |
| 11     | 35600676    | 180°  | M      | L    | 21.15 x 7.9 x 10.0 |                                    |
| 12     | 35600677    | 180°  | M      | M    | 21.15 x 7.9 x 10.0 |                                    |
| 13     | 35600678    | 180°  | M      | N    | 21.15 x 7.9 x 10.0 |                                    |
| 14     | 35600679    | 180°  | M      | Z    | 21.15 x 7.9 x 10.0 |                                    |

Fakra 1 Port Unsealed 180° Header



Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies
- PCB connectors SMD Pin-in-Paste soldering types
- Highest mechanical robustness

Fakra 1P unsealed 180° header

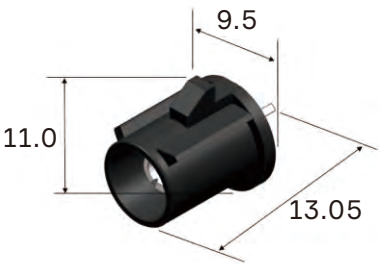
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1 A max    | SAE-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes                    |
|--------|-------------|-------|--------|------|--------------------|------------------------------------|
| 1      | 35554888    | 180°  | M      | A    | 14.95 x 8.5 x 10.5 | A, B, C, D, E, F, G, H, I, K, M, Z |
| 2      | 35554889    | 180°  | M      | B    | 14.95 x 8.5 x 10.5 |                                    |
| 3      | 35554890    | 180°  | M      | C    | 14.95 x 8.5 x 10.5 |                                    |
| 4      | 35554891    | 180°  | M      | D    | 14.95 x 8.5 x 10.5 |                                    |
| 5      | 35554892    | 180°  | M      | E    | 14.95 x 8.5 x 10.5 |                                    |
| 6      | 35554893    | 180°  | M      | F    | 14.95 x 8.5 x 10.5 |                                    |
| 7      | 35554894    | 180°  | M      | G    | 14.95 x 8.5 x 10.5 |                                    |
| 8      | 35554900    | 180°  | M      | H    | 14.95 x 8.5 x 10.5 |                                    |
| 9      | 35554901    | 180°  | M      | I    | 14.95 x 8.5 x 10.5 |                                    |
| 10     | 35554902    | 180°  | M      | K    | 14.95 x 8.5 x 10.5 |                                    |
| 11     | 35554903    | 180°  | M      | L    | 14.95 x 8.5 x 10.5 |                                    |
| 12     | 35554904    | 180°  | M      | M    | 14.95 x 8.5 x 10.5 |                                    |
| 13     | 35554905    | 180°  | M      | N    | 14.95 x 8.5 x 10.5 |                                    |
| 14     | 35554906    | 180°  | M      | Z    | 14.95 x 8.5 x 10.5 |                                    |

Fakra 1 Port Unsealed 180° Header



Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies
- PCB connectors SMD Pin-in-Paste soldering types
- Highest mechanical robustness

Fakra 1P unsealed 180° header

Technical Characteristics

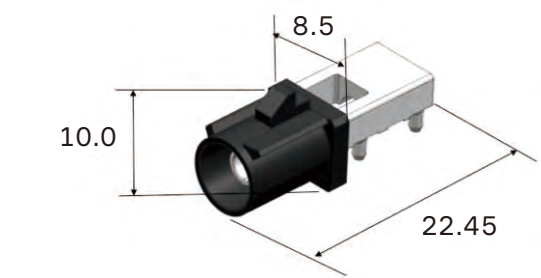
| Operating Temperature | Sealing            | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1 A max    | SAE-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes |
|--------|-------------|-------|--------|------|--------------------|-----------------|
| 1      | 35600648    | 180°  | M      | A    | 13.05 x 9.5 x 11.0 | A, B, C         |
| 2      | 35600649    | 180°  | M      | B    | 13.05 x 9.5 x 11.0 |                 |
| 3      | 35600650    | 180°  | M      | C    | 13.05 x 9.5 x 11.0 |                 |
| 4      | 35600651    | 180°  | M      | D    | 13.05 x 9.5 x 11.0 |                 |
| 5      | 35600652    | 180°  | M      | E    | 13.05 x 9.5 x 11.0 |                 |
| 6      | 35600653    | 180°  | M      | F    | 13.05 x 9.5 x 11.0 |                 |
| 7      | 35600655    | 180°  | M      | G    | 13.05 x 9.5 x 11.0 |                 |
| 8      | 35600656    | 180°  | M      | H    | 13.05 x 9.5 x 11.0 |                 |
| 9      | 35600657    | 180°  | M      | I    | 13.05 x 9.5 x 11.0 |                 |
| 10     | 35600658    | 180°  | M      | K    | 13.05 x 9.5 x 11.0 |                 |
| 11     | 35600659    | 180°  | M      | L    | 13.05 x 9.5 x 11.0 |                 |
| 12     | 35600660    | 180°  | M      | M    | 13.05 x 9.5 x 11.0 |                 |
| 13     | 35600662    | 180°  | M      | N    | 13.05 x 9.5 x 11.0 |                 |
| 14     | 35600664    | 180°  | M      | Z    | 13.05 x 9.5 x 11.0 |                 |



Fakra 1 Port Unsealed 90° Header



Fakra 1P unsealed 90° header

Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies
- PCB connectors SMD Pin-in-Paste soldering types
- Highest mechanical robustness

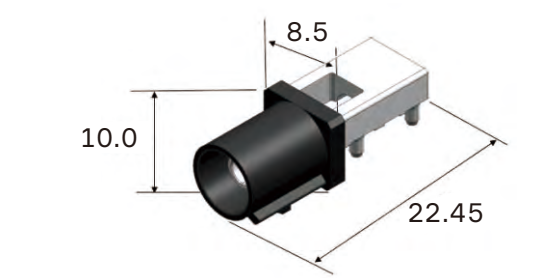
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1 A max    | SAE-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number (With hole) | Part Number (Without hole) | Angle | Gender | Code | Dimensions         | Available Codes        |
|--------|-------------------------|----------------------------|-------|--------|------|--------------------|------------------------|
| 1      | 35554935                | 35692153                   | 90°   | M      | A    | 22.45 x 8.5 x 10.0 | A, B, C, D, F, K, M, Z |
| 2      | 35554940                | 35692156                   | 90°   | M      | B    | 22.45 x 8.5 x 10.0 |                        |
| 3      | 35554941                | 35692158                   | 90°   | M      | C    | 22.45 x 8.5 x 10.0 |                        |
| 4      | 35554942                | 35692159                   | 90°   | M      | D    | 22.45 x 8.5 x 10.0 |                        |
| 5      | 35554943                | 35692161                   | 90°   | M      | E    | 22.45 x 8.5 x 10.0 |                        |
| 6      | 35554944                | 35692162                   | 90°   | M      | F    | 22.45 x 8.5 x 10.0 |                        |
| 7      | 35554945                | 35692164                   | 90°   | M      | G    | 22.45 x 8.5 x 10.0 |                        |
| 8      | 35554946                | 35692165                   | 90°   | M      | H    | 22.45 x 8.5 x 10.0 |                        |
| 9      | 35554948                | 35692166                   | 90°   | M      | I    | 22.45 x 8.5 x 10.0 |                        |
| 10     | 35554949                | 35692167                   | 90°   | M      | K    | 22.45 x 8.5 x 10.0 |                        |
| 11     | 35554950                | 35692169                   | 90°   | M      | L    | 22.45 x 8.5 x 10.0 |                        |
| 12     | 35554951                | 35692170                   | 90°   | M      | M    | 22.45 x 8.5 x 10.0 |                        |
| 13     | 35554952                | 35692171                   | 90°   | M      | N    | 22.45 x 8.5 x 10.0 |                        |
| 14     | 35554953                | 35692172                   | 90°   | M      | Z    | 22.45 x 8.5 x 10.0 |                        |

Fakra 1 Port Unsealed 90° Header (Reverse)



Fakra 1P unsealed 90° header

Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies
- PCB connectors SMD Pin-in-Paste soldering types
- Highest mechanical robustness

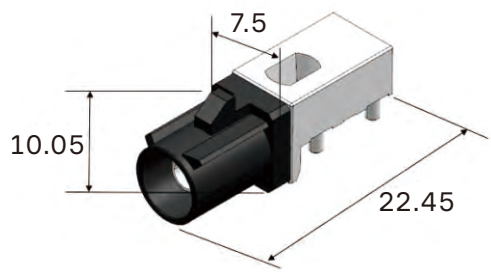
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1 A max    | SAE-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes        |
|--------|-------------|-------|--------|------|--------------------|------------------------|
| 1      | 35641824    | 90°   | M      | A    | 22.45 x 8.5 x 10.0 | A, B, C, D, F, K, M, Z |
| 2      | 35600654    | 90°   | M      | B    | 22.45 x 8.5 x 10.0 |                        |
| 3      | 35641825    | 90°   | M      | C    | 22.45 x 8.5 x 10.0 |                        |
| 4      | 35641826    | 90°   | M      | D    | 22.45 x 8.5 x 10.0 |                        |
| 5      | 35641827    | 90°   | M      | E    | 22.45 x 8.5 x 10.0 |                        |
| 6      | 35641828    | 90°   | M      | F    | 22.45 x 8.5 x 10.0 |                        |
| 7      | 35641829    | 90°   | M      | G    | 22.45 x 8.5 x 10.0 |                        |
| 8      | 35641830    | 90°   | M      | H    | 22.45 x 8.5 x 10.0 |                        |
| 9      | 35600661    | 90°   | M      | I    | 22.45 x 8.5 x 10.0 |                        |
| 10     | 35600663    | 90°   | M      | K    | 22.45 x 8.5 x 10.0 |                        |
| 11     | 35641831    | 90°   | M      | L    | 22.45 x 8.5 x 10.0 |                        |
| 12     | 35641832    | 90°   | M      | M    | 22.45 x 8.5 x 10.0 |                        |
| 13     | 35619966    | 90°   | M      | N    | 22.45 x 8.5 x 10.0 |                        |
| 14     | 35619967    | 90°   | M      | Z    | 22.45 x 8.5 x 10.0 |                        |

Fakra 1 Port Unsealed 90° Header



Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies
- PCB connectors SMD Pin-in-Paste soldering types
- Highest mechanical robustness

Fakra 1P unsealed 90° header

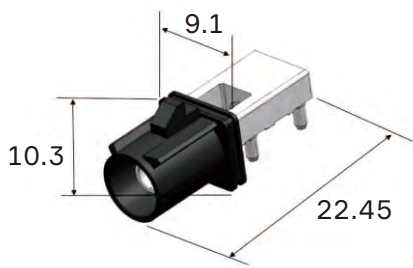
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1 A max    | SAE-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions          | Available Codes        |
|--------|-------------|-------|--------|------|---------------------|------------------------|
| 1      | 35600598    | 90°   | M      | A    | 22.45 x 7.5 x 10.05 | A, B, C, D, F, G, H, Z |
| 2      | 35600635    | 90°   | M      | B    | 22.45 x 7.5 x 10.05 |                        |
| 3      | 35600636    | 90°   | M      | C    | 22.45 x 7.5 x 10.05 |                        |
| 4      | 35600637    | 90°   | M      | D    | 22.45 x 7.5 x 10.05 |                        |
| 5      | 35600638    | 90°   | M      | E    | 22.45 x 7.5 x 10.05 |                        |
| 6      | 35600639    | 90°   | M      | F    | 22.45 x 7.5 x 10.05 |                        |
| 7      | 35600640    | 90°   | M      | G    | 22.45 x 7.5 x 10.05 |                        |
| 8      | 35600641    | 90°   | M      | H    | 22.45 x 7.5 x 10.05 |                        |
| 9      | 35600642    | 90°   | M      | I    | 22.45 x 7.5 x 10.05 |                        |
| 10     | 35600643    | 90°   | M      | K    | 22.45 x 7.5 x 10.05 |                        |
| 11     | 35600644    | 90°   | M      | L    | 22.45 x 7.5 x 10.05 |                        |
| 12     | 35600645    | 90°   | M      | M    | 22.45 x 7.5 x 10.05 |                        |
| 13     | 35600646    | 90°   | M      | N    | 22.45 x 7.5 x 10.05 |                        |
| 14     | 35600647    | 90°   | M      | Z    | 22.45 x 7.5 x 10.05 |                        |

Fakra 1 Port Unsealed 90° Header



Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies
- PCB connectors SMD Pin-in-Paste soldering types
- Highest mechanical robustness

Fakra 1P unsealed 90° header

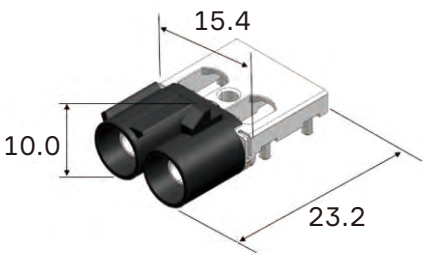
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1 A max    | SAE-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes  |
|--------|-------------|-------|--------|------|--------------------|------------------|
| 1      | 35745088    | 90°   | M      | A    | 22.45 x 9.1 x 10.3 | A, B, C, H, L, Z |
| 2      | 35745094    | 90°   | M      | B    | 22.45 x 9.1 x 10.3 |                  |
| 3      | 35745095    | 90°   | M      | C    | 22.45 x 9.1 x 10.3 |                  |
| 4      | 35745096    | 90°   | M      | D    | 22.45 x 9.1 x 10.3 |                  |
| 5      | 35745097    | 90°   | M      | E    | 22.45 x 9.1 x 10.3 |                  |
| 6      | 35745098    | 90°   | M      | F    | 22.45 x 9.1 x 10.3 |                  |
| 7      | 35745100    | 90°   | M      | G    | 22.45 x 9.1 x 10.3 |                  |
| 8      | 35745101    | 90°   | M      | H    | 22.45 x 9.1 x 10.3 |                  |
| 9      | 35745102    | 90°   | M      | I    | 22.45 x 9.1 x 10.3 |                  |
| 10     | 35745104    | 90°   | M      | K    | 22.45 x 9.1 x 10.3 |                  |
| 11     | 35745105    | 90°   | M      | L    | 22.45 x 9.1 x 10.3 |                  |
| 12     | 35745107    | 90°   | M      | M    | 22.45 x 9.1 x 10.3 |                  |
| 13     | 35745108    | 90°   | M      | N    | 22.45 x 9.1 x 10.3 |                  |
| 14     | 35745133    | 90°   | M      | Z    | 22.45 x 9.1 x 10.3 |                  |

Fakra 2 Port Unsealed 90° Header



Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies
- PCB connectors SMD Pin-in-Paste soldering types
- Highest mechanical robustness

Fakra 2P unsealed 90° header

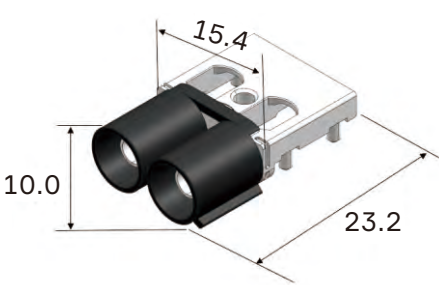
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                      | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|-----------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box&ADAS | 1 A max    | SAE-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number (With hole) | Part Number (Without hole) | Angle | Gender | Code | Dimensions         | Available Codes     |
|--------|-------------------------|----------------------------|-------|--------|------|--------------------|---------------------|
| 1      | 35554954                | 35692174                   | 90°   | M      | A    | 23.2 x 15.4 x 10.0 | A, B, C, D, E, H, Z |
| 2      | 35554955                | 35692175                   | 90°   | M      | B    | 23.2 x 15.4 x 10.0 |                     |
| 3      | 35554956                | 35692176                   | 90°   | M      | C    | 23.2 x 15.4 x 10.0 |                     |
| 4      | 35554957                | 35692177                   | 90°   | M      | D    | 23.2 x 15.4 x 10.0 |                     |
| 5      | 35554958                | 35692178                   | 90°   | M      | E    | 23.2 x 15.4 x 10.0 |                     |
| 6      | 35554960                | 35692179                   | 90°   | M      | F    | 23.2 x 15.4 x 10.0 |                     |
| 7      | 35554962                | 35692180                   | 90°   | M      | G    | 23.2 x 15.4 x 10.0 |                     |
| 8      | 35554963                | 35692181                   | 90°   | M      | H    | 23.2 x 15.4 x 10.0 |                     |
| 9      | 35554964                | 35692182                   | 90°   | M      | I    | 23.2 x 15.4 x 10.0 |                     |
| 10     | 35554966                | 35692183                   | 90°   | M      | K    | 23.2 x 15.4 x 10.0 |                     |
| 11     | 35554967                | 35692184                   | 90°   | M      | L    | 23.2 x 15.4 x 10.0 |                     |
| 12     | 35554969                | 35692185                   | 90°   | M      | M    | 23.2 x 15.4 x 10.0 |                     |
| 13     | 35554970                | 35692186                   | 90°   | M      | N    | 23.2 x 15.4 x 10.0 |                     |
| 14     | 35554971                | 35692187                   | 90°   | M      | Z    | 23.2 x 15.4 x 10.0 |                     |

Fakra 2 Port Unsealed 90° Header (Reverse)



Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies
- PCB connectors SMD Pin-in-Paste soldering types
- Highest mechanical robustness

Fakra 2P unsealed 90° header

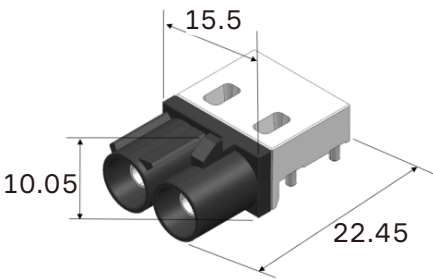
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                      | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|-----------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box&ADAS | 1 A max    | SAE-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes     |
|--------|-------------|-------|--------|------|--------------------|---------------------|
| 1      | 35619968    | 90°   | M      | A    | 23.2 x 15.4 x 10.0 | A, B, C, D, E, H, Z |
| 2      | 35619969    | 90°   | M      | B    | 23.2 x 15.4 x 10.0 |                     |
| 3      | 35619970    | 90°   | M      | C    | 23.2 x 15.4 x 10.0 |                     |
| 4      | 35619971    | 90°   | M      | D    | 23.2 x 15.4 x 10.0 |                     |
| 5      | 35619972    | 90°   | M      | E    | 23.2 x 15.4 x 10.0 |                     |
| 6      | 35619973    | 90°   | M      | F    | 23.2 x 15.4 x 10.0 |                     |
| 7      | 35619974    | 90°   | M      | G    | 23.2 x 15.4 x 10.0 |                     |
| 8      | 35619975    | 90°   | M      | H    | 23.2 x 15.4 x 10.0 |                     |
| 9      | 35619976    | 90°   | M      | I    | 23.2 x 15.4 x 10.0 |                     |
| 10     | 35619977    | 90°   | M      | K    | 23.2 x 15.4 x 10.0 |                     |
| 11     | 35619978    | 90°   | M      | L    | 23.2 x 15.4 x 10.0 |                     |
| 12     | 35619979    | 90°   | M      | M    | 23.2 x 15.4 x 10.0 |                     |
| 13     | 35619980    | 90°   | M      | N    | 23.2 x 15.4 x 10.0 |                     |
| 14     | 35619981    | 90°   | M      | Z    | 23.2 x 15.4 x 10.0 |                     |

Fakra 2 Port Unsealed 90° Header



Fakra 2P unsealed 90° header

Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies
- PCB connectors SMD Pin-in-Paste soldering types
- Highest mechanical robustness

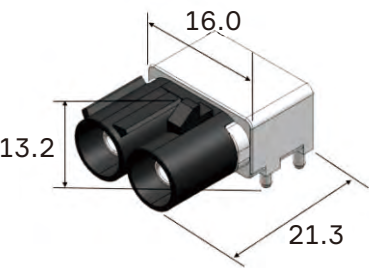
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1 A max    | SAE-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions           | Available Codes                          |
|--------|-------------|-------|--------|------|----------------------|------------------------------------------|
| 1      | 35600695    | 90°   | M      | A    | 22.45 x 15.5 x 10.05 | A, B, C, D, E, F, G, H, I, K, L, M, N, Z |
| 2      | 35600697    | 90°   | M      | B    | 22.45 x 15.5 x 10.05 |                                          |
| 3      | 35600698    | 90°   | M      | C    | 22.45 x 15.5 x 10.05 |                                          |
| 4      | 35600700    | 90°   | M      | D    | 22.45 x 15.5 x 10.05 |                                          |
| 5      | 35600702    | 90°   | M      | E    | 22.45 x 15.5 x 10.05 |                                          |
| 6      | 35600703    | 90°   | M      | F    | 22.45 x 15.5 x 10.05 |                                          |
| 7      | 35600704    | 90°   | M      | G    | 22.45 x 15.5 x 10.05 |                                          |
| 8      | 35600705    | 90°   | M      | H    | 22.45 x 15.5 x 10.05 |                                          |
| 9      | 35600706    | 90°   | M      | I    | 22.45 x 15.5 x 10.05 |                                          |
| 10     | 35600707    | 90°   | M      | K    | 22.45 x 15.5 x 10.05 |                                          |
| 11     | 35600708    | 90°   | M      | L    | 22.45 x 15.5 x 10.05 |                                          |
| 12     | 35600709    | 90°   | M      | M    | 22.45 x 15.5 x 10.05 |                                          |
| 13     | 35600710    | 90°   | M      | N    | 22.45 x 15.5 x 10.05 |                                          |
| 14     | 35600711    | 90°   | M      | Z    | 22.45 x 15.5 x 10.05 |                                          |

Fakra 2 Port Unsealed 90° Header



Fakra 2P unsealed 90° header

Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies
- PCB connectors SMD Pin-in-Paste soldering types
- Highest mechanical robustness

Technical Characteristics

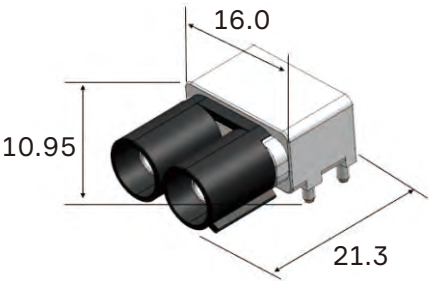
| Operating Temperature | Sealing            | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1 A max    | SAE-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes     |
|--------|-------------|-------|--------|------|--------------------|---------------------|
| 1      | 35666248    | 90°   | M      | A    | 21.3 x 16.0 x 13.2 | A, B, C, D, E, H, Z |
| 2      | 35666249    | 90°   | M      | B    | 21.3 x 16.0 x 13.2 |                     |
| 3      | 35666250    | 90°   | M      | C    | 21.3 x 16.0 x 13.2 |                     |
| 4      | 35666251    | 90°   | M      | D    | 21.3 x 16.0 x 13.2 |                     |
| 5      | 35666252    | 90°   | M      | E    | 21.3 x 16.0 x 13.2 |                     |
| 6      | 35666253    | 90°   | M      | F    | 21.3 x 16.0 x 13.2 |                     |
| 7      | 35666254    | 90°   | M      | G    | 21.3 x 16.0 x 13.2 |                     |
| 8      | 35666255    | 90°   | M      | H    | 21.3 x 16.0 x 13.2 |                     |
| 9      | 35666256    | 90°   | M      | I    | 21.3 x 16.0 x 13.2 |                     |
| 10     | 35666257    | 90°   | M      | K    | 21.3 x 16.0 x 13.2 |                     |
| 11     | 35666258    | 90°   | M      | L    | 21.3 x 16.0 x 13.2 |                     |
| 12     | 35666259    | 90°   | M      | M    | 21.3 x 16.0 x 13.2 |                     |
| 13     | 35666260    | 90°   | M      | N    | 21.3 x 16.0 x 13.2 |                     |
| 14     | 35666261    | 90°   | M      | Z    | 21.3 x 16.0 x 13.2 |                     |



Fakra 2 Port Unsealed 90° Header (Reverse)



Fakra 2P unsealed 90° header

Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies
- PCB connectors SMD Pin-in-Paste soldering types
- Highest mechanical robustness

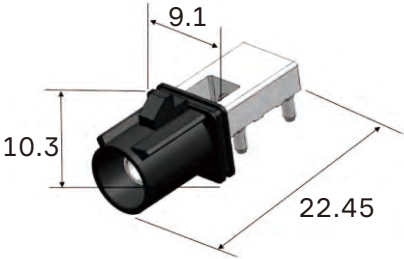
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1 A max    | SAE-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions          | Available Codes     |
|--------|-------------|-------|--------|------|---------------------|---------------------|
| 1      | 35730640    | 90°   | M      | A    | 21.3 x 16.0 x 10.95 | A, B, C, D, E, H, Z |
| 2      | 35730641    | 90°   | M      | B    | 21.3 x 16.0 x 10.95 |                     |
| 3      | 35730642    | 90°   | M      | C    | 21.3 x 16.0 x 10.95 |                     |
| 4      | 35730643    | 90°   | M      | D    | 21.3 x 16.0 x 10.95 |                     |
| 5      | 35730644    | 90°   | M      | E    | 21.3 x 16.0 x 10.95 |                     |
| 6      | 35730645    | 90°   | M      | F    | 21.3 x 16.0 x 10.95 |                     |
| 7      | 35730646    | 90°   | M      | G    | 21.3 x 16.0 x 10.95 |                     |
| 8      | 35730647    | 90°   | M      | H    | 21.3 x 16.0 x 10.95 |                     |
| 9      | 35730648    | 90°   | M      | I    | 21.3 x 16.0 x 10.95 |                     |
| 10     | 35730649    | 90°   | M      | K    | 21.3 x 16.0 x 10.95 |                     |
| 11     | 35730650    | 90°   | M      | L    | 21.3 x 16.0 x 10.95 |                     |
| 12     | 35730651    | 90°   | M      | M    | 21.3 x 16.0 x 10.95 |                     |
| 13     | 35730652    | 90°   | M      | N    | 21.3 x 16.0 x 10.95 |                     |
| 14     | 35730654    | 90°   | M      | Z    | 21.3 x 16.0 x 10.95 |                     |

Fakra 1 Port Sealed 90° Header



Fakra 1P sealed 90° header

Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies
- PCB connectors SMD Pin-in-Paste soldering types
- Highest mechanical robustness

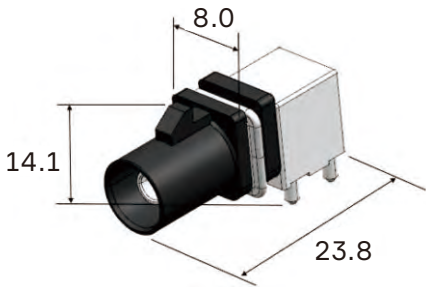
Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 2 (Sealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1 A max    | SAE-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number (Co-molding process ) | Angle | Gender | Code | Dimensions        | Available Codes |
|--------|-----------------------------------|-------|--------|------|-------------------|-----------------|
| 1      | 35743633                          | 90°   | M      | A    | 23.8 x 8.0 x 14.1 | C, Z            |
| 2      | 35743634                          | 90°   | M      | B    | 23.8 x 8.0 x 14.1 |                 |
| 3      | 35743635                          | 90°   | M      | C    | 23.8 x 8.0 x 14.1 |                 |
| 4      | 35743636                          | 90°   | M      | D    | 23.8 x 8.0 x 14.1 |                 |
| 5      | 35743637                          | 90°   | M      | E    | 23.8 x 8.0 x 14.1 |                 |
| 6      | 35743638                          | 90°   | M      | F    | 23.8 x 8.0 x 14.1 |                 |
| 7      | 35743639                          | 90°   | M      | G    | 23.8 x 8.0 x 14.1 |                 |
| 8      | 35743640                          | 90°   | M      | H    | 23.8 x 8.0 x 14.1 |                 |
| 9      | 35743641                          | 90°   | M      | I    | 23.8 x 8.0 x 14.1 |                 |
| 10     | 35743642                          | 90°   | M      | K    | 23.8 x 8.0 x 14.1 |                 |
| 11     | 35743643                          | 90°   | M      | L    | 23.8 x 8.0 x 14.1 |                 |
| 12     | 35743644                          | 90°   | M      | M    | 23.8 x 8.0 x 14.1 |                 |
| 13     | 35743645                          | 90°   | M      | N    | 23.8 x 8.0 x 14.1 |                 |
| 14     | 35743646                          | 90°   | M      | Z    | 23.8 x 8.0 x 14.1 |                 |

Fakra 1 Port Sealed 90° Header



Fakra 1P sealed 90° header

Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies
- PCB connectors SMD Pin-in-Paste soldering types
- Highest mechanical robustness

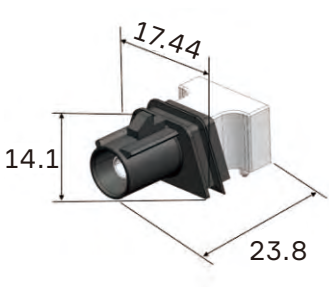
Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 2 (Sealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1 A max    | SAE-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number (Assembled process) | Angle | Gender | Code | Dimensions        | Available Codes |
|--------|---------------------------------|-------|--------|------|-------------------|-----------------|
| 1      | 35657214                        | 90°   | M      | A    | 23.8 x 8.0 x 14.1 | C, Z            |
| 2      | 35657215                        | 90°   | M      | B    | 23.8 x 8.0 x 14.1 |                 |
| 3      | 35657216                        | 90°   | M      | C    | 23.8 x 8.0 x 14.1 |                 |
| 4      | 35657217                        | 90°   | M      | D    | 23.8 x 8.0 x 14.1 |                 |
| 5      | 35657219                        | 90°   | M      | E    | 23.8 x 8.0 x 14.1 |                 |
| 6      | 35657221                        | 90°   | M      | F    | 23.8 x 8.0 x 14.1 |                 |
| 7      | 35657222                        | 90°   | M      | G    | 23.8 x 8.0 x 14.1 |                 |
| 8      | 35657223                        | 90°   | M      | H    | 23.8 x 8.0 x 14.1 |                 |
| 9      | 35657224                        | 90°   | M      | I    | 23.8 x 8.0 x 14.1 |                 |
| 10     | 35657225                        | 90°   | M      | K    | 23.8 x 8.0 x 14.1 |                 |
| 11     | 35657227                        | 90°   | M      | L    | 23.8 x 8.0 x 14.1 |                 |
| 12     | 35657228                        | 90°   | M      | M    | 23.8 x 8.0 x 14.1 |                 |
| 13     | 35657229                        | 90°   | M      | N    | 23.8 x 8.0 x 14.1 |                 |
| 14     | 35657230                        | 90°   | M      | Z    | 23.8 x 8.0 x 14.1 |                 |

Fakra 1 Port Sealed 90° Header



Fakra 1P sealed 90° header

Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies
- PCB connectors SMD Pin-in-Paste soldering types
- Highest mechanical robustness

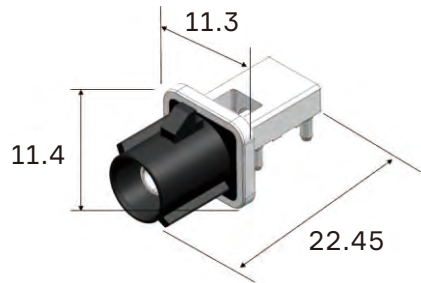
Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 2 (Sealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1 A max    | SAE-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions          | Available Codes |
|--------|-------------|-------|--------|------|---------------------|-----------------|
| 1      | 35754564    | 90°   | M      | A    | 23.8 x 17.44 x 14.1 | A, B, C, E, G   |
| 2      | 35754565    | 90°   | M      | B    | 23.8 x 17.44 x 14.1 |                 |
| 3      | 35754566    | 90°   | M      | C    | 23.8 x 17.44 x 14.1 |                 |
| 4      | 35754567    | 90°   | M      | D    | 23.8 x 17.44 x 14.1 |                 |
| 5      | 35754568    | 90°   | M      | E    | 23.8 x 17.44 x 14.1 |                 |
| 6      | 35754569    | 90°   | M      | F    | 23.8 x 17.44 x 14.1 |                 |
| 7      | 35754570    | 90°   | M      | G    | 23.8 x 17.44 x 14.1 |                 |
| 8      | 35754572    | 90°   | M      | H    | 23.8 x 17.44 x 14.1 |                 |
| 9      | 35754573    | 90°   | M      | I    | 23.8 x 17.44 x 14.1 |                 |
| 10     | 35754574    | 90°   | M      | K    | 23.8 x 17.44 x 14.1 |                 |
| 11     | 35754575    | 90°   | M      | L    | 23.8 x 17.44 x 14.1 |                 |
| 12     | 35754576    | 90°   | M      | M    | 23.8 x 17.44 x 14.1 |                 |
| 13     | 35754577    | 90°   | M      | N    | 23.8 x 17.44 x 14.1 |                 |
| 14     | 35754578    | 90°   | M      | Z    | 23.8 x 17.44 x 14.1 |                 |

Fakra 1 Port Sealed 90° Header



Fakra 1P sealed 90° header

Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies
- PCB connectors SMD Pin-in-Paste soldering types
- Highest mechanical robustness

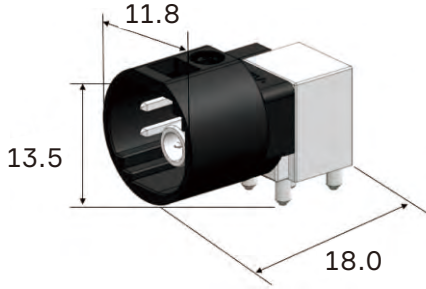
Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications                      | DC Current | Specification | Frequency  |
|-----------------------|------------------|-----------|-----------------------------------|------------|---------------|------------|
| -40°~105°             | Class 2 (Sealed) | V1        | LVDS&360 Around Camera&T-Box&ADAS | 1 A max    | SAE-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number (Co-molding process) | Angle | Gender | Code | Dimensions          | Available Codes |
|--------|----------------------------------|-------|--------|------|---------------------|-----------------|
| 1      | 35664514                         | 90°   | M      | A    | 22.45 x 11.3 x 11.4 | A, B, C, L, Z   |
| 2      | 35664516                         | 90°   | M      | B    | 22.45 x 11.3 x 11.4 |                 |
| 3      | 35664518                         | 90°   | M      | C    | 22.45 x 11.3 x 11.4 |                 |
| 4      | 35664520                         | 90°   | M      | D    | 22.45 x 11.3 x 11.4 |                 |
| 5      | 35664522                         | 90°   | M      | E    | 22.45 x 11.3 x 11.4 |                 |
| 6      | 35664524                         | 90°   | M      | F    | 22.45 x 11.3 x 11.4 |                 |
| 7      | 35664526                         | 90°   | M      | G    | 22.45 x 11.3 x 11.4 |                 |
| 8      | 35664528                         | 90°   | M      | H    | 22.45 x 11.3 x 11.4 |                 |
| 9      | 35664530                         | 90°   | M      | I    | 22.45 x 11.3 x 11.4 |                 |
| 10     | 35664531                         | 90°   | M      | K    | 22.45 x 11.3 x 11.4 |                 |
| 11     | 35664533                         | 90°   | M      | L    | 22.45 x 11.3 x 11.4 |                 |
| 12     | 35664537                         | 90°   | M      | M    | 22.45 x 11.3 x 11.4 |                 |
| 13     | 35664539                         | 90°   | M      | N    | 22.45 x 11.3 x 11.4 |                 |
| 14     | 35664541                         | 90°   | M      | Z    | 22.45 x 11.3 x 11.4 |                 |

Fakra 1+2 Unsealed 90° Header



Fakra 1+2 unsealed 90° header

Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies
- PCB connectors SMD Pin-in-Paste soldering types
- Highest mechanical robustness

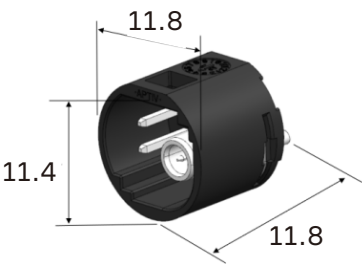
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                      | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|-----------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box&ADAS | 1 A max    | SAE-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number (Power pin with Tin plating) | Part Number (Power pin with Gold plating) | Angle | Gender | Code | Dimensions         | Available Codes           |
|--------|------------------------------------------|-------------------------------------------|-------|--------|------|--------------------|---------------------------|
| 1      | 35604006                                 | 35781045                                  | 90°   | M      | A    | 18.0 x 11.8 x 13.5 | A, B, C, D, E, F, G, H, Z |
| 2      | 35604007                                 | 35781046                                  | 90°   | M      | B    | 18.0 x 11.8 x 13.5 |                           |
| 3      | 35604008                                 | 35781047                                  | 90°   | M      | C    | 18.0 x 11.8 x 13.5 |                           |
| 4      | 35604009                                 | 35781048                                  | 90°   | M      | D    | 18.0 x 11.8 x 13.5 |                           |
| 5      | 35604010                                 | 35781049                                  | 90°   | M      | E    | 18.0 x 11.8 x 13.5 |                           |
| 6      | 35604011                                 | 35781050                                  | 90°   | M      | F    | 18.0 x 11.8 x 13.5 |                           |
| 7      | 35604012                                 | 35781051                                  | 90°   | M      | G    | 18.0 x 11.8 x 13.5 |                           |
| 8      | 35604014                                 | 35781052                                  | 90°   | M      | H    | 18.0 x 11.8 x 13.5 |                           |
| 9      | 35604019                                 | 35781053                                  | 90°   | M      | Z    | 18.0 x 11.8 x 13.5 |                           |

Fakra 1+2 Unsealed 180° Header



Fakra 1+2 unsealed 180° header

Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies
- PCB connectors SMD Pin-in-Paste soldering types
- Highest mechanical robustness

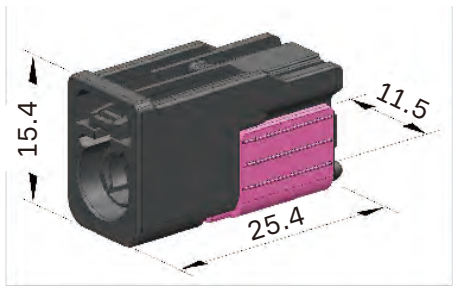
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1 A max    | SAE-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number (Power pin with Tin plating) | Part Number (Power pin with Gold plating) | Angle | Gender | Code | Dimensions         | Available Codes           |
|--------|------------------------------------------|-------------------------------------------|-------|--------|------|--------------------|---------------------------|
| 1      | 35604020                                 | 35781057                                  | 180°  | M      | A    | 11.8 x 11.8 x 11.4 | A, B, C, D, E, F, G, H, Z |
| 2      | 35604022                                 | 35781058                                  | 180°  | M      | B    | 11.8 x 11.8 x 11.4 |                           |
| 3      | 35604023                                 | 35781059                                  | 180°  | M      | C    | 11.8 x 11.8 x 11.4 |                           |
| 4      | 35604024                                 | 35781060                                  | 180°  | M      | D    | 11.8 x 11.8 x 11.4 |                           |
| 5      | 35604025                                 | 35781061                                  | 180°  | M      | E    | 11.8 x 11.8 x 11.4 |                           |
| 6      | 35604026                                 | 35781062                                  | 180°  | M      | F    | 11.8 x 11.8 x 11.4 |                           |
| 7      | 35604027                                 | 35781064                                  | 180°  | M      | G    | 11.8 x 11.8 x 11.4 |                           |
| 8      | 35604028                                 | 35781065                                  | 180°  | M      | H    | 11.8 x 11.8 x 11.4 |                           |
| 9      | 35604033                                 | 35781066                                  | 180°  | M      | Z    | 11.8 x 11.8 x 11.4 |                           |

Fakra 1 Port 180° Unsealed Female Connector without CPA and without Clip



Fakra 1P 180° unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications              | DC Current | Cable Spec             | Specification | Frequency  |
|-----------------------|--------------------|-----------|---------------------------|------------|------------------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | FM/Camera/LVDS/ GPS/T-BOX | 2A Max     | RG174LL,RTK031, RG58LL | SEA-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | CPA | Available Codes                          |
|--------|-------------|-------|--------|------|--------------------|-----|------------------------------------------|
| 1      | 35127554    | 180°  | F      | A    | 25.4 x 11.8 x 15.5 | N   | A, B, C, D, E, F, G, H, I, K, L, M, N, Z |
| 2      | 35127555    | 180°  | F      | B    | 25.4 x 11.8 x 15.5 | N   |                                          |
| 3      | 35127556    | 180°  | F      | C    | 25.4 x 11.8 x 15.5 | N   |                                          |
| 4      | 35127557    | 180°  | F      | D    | 25.4 x 11.8 x 15.5 | N   |                                          |
| 5      | 35127558    | 180°  | F      | E    | 25.4 x 11.8 x 15.5 | N   |                                          |
| 6      | 35127559    | 180°  | F      | F    | 25.4 x 11.8 x 15.5 | N   |                                          |
| 7      | 35127560    | 180°  | F      | G    | 25.4 x 11.8 x 15.5 | N   |                                          |
| 8      | 35127561    | 180°  | F      | H    | 25.4 x 11.8 x 15.5 | N   |                                          |
| 9      | 35127562    | 180°  | F      | I    | 25.4 x 11.8 x 15.5 | N   |                                          |
| 10     | 35127563    | 180°  | F      | K    | 25.4 x 11.8 x 15.5 | N   |                                          |
| 11     | 35127564    | 180°  | F      | L    | 25.4 x 11.8 x 15.5 | N   |                                          |
| 12     | 35127565    | 180°  | F      | M    | 25.4 x 11.8 x 15.5 | N   |                                          |
| 13     | 35127566    | 180°  | F      | N    | 25.4 x 11.8 x 15.5 | N   |                                          |
| 14     | 35127567    | 180°  | F      | Z    | 25.4 x 11.8 x 15.5 | N   |                                          |

Accessory Parts

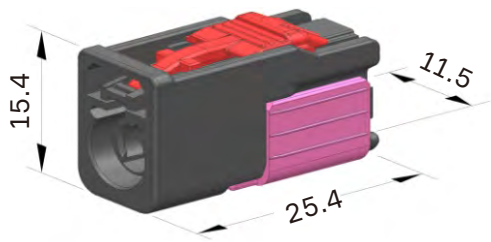
| Configuration      | 1port female TPA | 1port female housing |
|--------------------|------------------|----------------------|
| Product Image      |                  |                      |
| Code A part number | 33233947         | 33233941             |

Compatible Terminals

| Part Number | 35226539 | 35226547 | 35226543 | 35259494 |
|-------------|----------|----------|----------|----------|
| Wire Type   | RG58LL   | RG174LL  | RTK031   | RTK044   |
| Plating     | Au       | Au       | Au       | Au       |



Fakra 1 Port 180° Unsealed Female Connector with CPA and without Clip



Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional CPA

Fakra 1 Port 180° unsealed female assembly

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications             | DC Current | Cable Spec             | Specification | Frequency  |
|-----------------------|--------------------|-----------|--------------------------|------------|------------------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | FM/Camera/LVDS/GPS/T-BOX | 2A Max     | RG174LL,RTK031, RG58LL | SEA-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | CPA | Available Codes                          |
|--------|-------------|-------|--------|------|--------------------|-----|------------------------------------------|
| 1      | 33340309    | 180°  | F      | A    | 25.4 x 11.5 x 15.4 | Y   | A, B, C, D, E, F, G, H, I, K, L, M, N, Z |
| 2      | 33340310    | 180°  | F      | B    | 25.4 x 11.5 x 15.4 | Y   |                                          |
| 3      | 33340311    | 180°  | F      | C    | 25.4 x 11.5 x 15.4 | Y   |                                          |
| 4      | 33340312    | 180°  | F      | D    | 25.4 x 11.5 x 15.4 | Y   |                                          |
| 5      | 33340313    | 180°  | F      | E    | 25.4 x 11.5 x 15.4 | Y   |                                          |
| 6      | 33340314    | 180°  | F      | F    | 25.4 x 11.5 x 15.4 | Y   |                                          |
| 7      | 33340315    | 180°  | F      | G    | 25.4 x 11.5 x 15.4 | Y   |                                          |
| 8      | 33340316    | 180°  | F      | H    | 25.4 x 11.5 x 15.4 | Y   |                                          |
| 9      | 33340317    | 180°  | F      | I    | 25.4 x 11.5 x 15.4 | Y   |                                          |
| 10     | 33340318    | 180°  | F      | K    | 25.4 x 11.5 x 15.4 | Y   |                                          |
| 11     | 33340319    | 180°  | F      | L    | 25.4 x 11.5 x 15.4 | Y   |                                          |
| 12     | 33340320    | 180°  | F      | M    | 25.4 x 11.5 x 15.4 | Y   |                                          |
| 13     | 33340321    | 180°  | F      | N    | 25.4 x 11.5 x 15.4 | Y   |                                          |
| 14     | 33340322    | 180°  | F      | Z    | 25.4 x 11.5 x 15.4 | Y   |                                          |

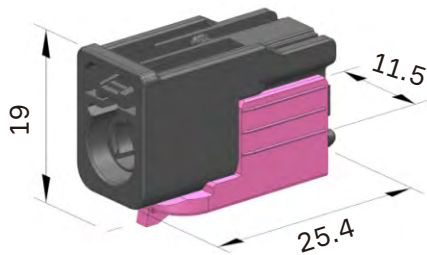
Accessory Parts

| Configuration      | 1port female TPA | CPA      | 1port female housing |
|--------------------|------------------|----------|----------------------|
| Product Image      |                  |          |                      |
| Code A part number | 33233947         | 33224253 | 33233941             |

Compatible Terminals

| Part Number | 35226539 | 35226547 | 35226543 | 35259494 |
|-------------|----------|----------|----------|----------|
| Wire Type   | RG58LL   | RG174LL  | RTK031   | RTK044   |
| Plating     | Au       | Au       | Au       | Au       |

Fakra 1 Port 180° Unsealed Female Connector without CPA and with Clip



Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional CPA

Fakra 1 Port 180° unsealed female assembly

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications             | DC Current | Cable Spec             | Specification | Frequency  |
|-----------------------|--------------------|-----------|--------------------------|------------|------------------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | FM/Camera/LVDS/GPS/T-BOX | 2A Max     | RG174LL,RTK031, RG58LL | SEA-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions       | CPA | Available Codes                          |
|--------|-------------|-------|--------|------|------------------|-----|------------------------------------------|
| 1      | 35127568    | 180°  | F      | A    | 25.4 x 11.5 x 19 | N   | A, B, C, D, E, F, G, H, I, K, L, M, N, Z |
| 2      | 35127569    | 180°  | F      | B    | 25.4 x 11.5 x 19 | N   |                                          |
| 3      | 35127570    | 180°  | F      | C    | 25.4 x 11.5 x 19 | N   |                                          |
| 4      | 35127571    | 180°  | F      | D    | 25.4 x 11.5 x 19 | N   |                                          |
| 5      | 35127572    | 180°  | F      | E    | 25.4 x 11.5 x 19 | N   |                                          |
| 6      | 35127573    | 180°  | F      | F    | 25.4 x 11.5 x 19 | N   |                                          |
| 7      | 35127574    | 180°  | F      | G    | 25.4 x 11.5 x 19 | N   |                                          |
| 8      | 35127575    | 180°  | F      | H    | 25.4 x 11.5 x 19 | N   |                                          |
| 9      | 35127576    | 180°  | F      | I    | 25.4 x 11.5 x 19 | N   |                                          |
| 10     | 35127577    | 180°  | F      | K    | 25.4 x 11.5 x 19 | N   |                                          |
| 11     | 35127578    | 180°  | F      | L    | 25.4 x 11.5 x 19 | N   |                                          |
| 12     | 35127579    | 180°  | F      | M    | 25.4 x 11.5 x 19 | N   |                                          |
| 13     | 35127580    | 180°  | F      | N    | 25.4 x 11.5 x 19 | N   |                                          |
| 14     | 35127581    | 180°  | F      | Z    | 25.4 x 11.5 x 19 | N   |                                          |

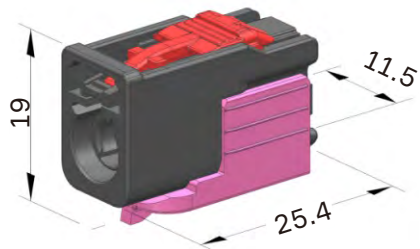
Accessory Parts

| Configuration      | 1port female TPA | 1port female housing |
|--------------------|------------------|----------------------|
| Product Image      |                  |                      |
| Code A part number | 33233948         | 33233941             |

Compatible Terminals

| Part Number | 35013995 | 35013997 | 35013996 | 35259495 |
|-------------|----------|----------|----------|----------|
| Wire Type   | RG58LL   | RG174LL  | RTK031   | RTK044   |
| Plating     | Au       | Au       | Au       | Au       |

Fakra 1 Port 180° Unsealed Female Connector with CPA with Clip



Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback

Fakra 1 Port 180° unsealed female assembly

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications             | DC Current | Cable Spec             | Specification | Frequency  |
|-----------------------|--------------------|-----------|--------------------------|------------|------------------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | FM/Camera/LVDS/GPS/T-BOX | 2A Max     | RG174LL,RTK031, RG58LL | SEA-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions       | CPA | Available Codes                          |
|--------|-------------|-------|--------|------|------------------|-----|------------------------------------------|
| 1      | 33351010    | 180°  | F      | A    | 25.4 x 11.5 x 19 | Y   | A, B, C, D, E, F, G, H, I, K, L, M, N, Z |
| 2      | 33351011    | 180°  | F      | B    | 25.4 x 11.5 x 19 | Y   |                                          |
| 3      | 33351013    | 180°  | F      | C    | 25.4 x 11.5 x 19 | Y   |                                          |
| 4      | 33351014    | 180°  | F      | D    | 25.4 x 11.5 x 19 | Y   |                                          |
| 5      | 33351016    | 180°  | F      | E    | 25.4 x 11.5 x 19 | Y   |                                          |
| 6      | 33351017    | 180°  | F      | F    | 25.4 x 11.5 x 19 | Y   |                                          |
| 7      | 33351019    | 180°  | F      | G    | 25.4 x 11.5 x 19 | Y   |                                          |
| 8      | 33351020    | 180°  | F      | H    | 25.4 x 11.5 x 19 | Y   |                                          |
| 9      | 33351021    | 180°  | F      | I    | 25.4 x 11.5 x 19 | Y   |                                          |
| 10     | 33351022    | 180°  | F      | K    | 25.4 x 11.5 x 19 | Y   |                                          |
| 11     | 33351024    | 180°  | F      | L    | 25.4 x 11.5 x 19 | Y   |                                          |
| 12     | 33351025    | 180°  | F      | M    | 25.4 x 11.5 x 19 | Y   |                                          |
| 13     | 33351026    | 180°  | F      | N    | 25.4 x 11.5 x 19 | Y   |                                          |
| 14     | 33351027    | 180°  | F      | Z    | 25.4 x 11.5 x 19 | Y   |                                          |

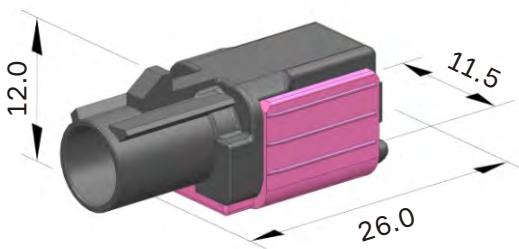
Accessory Parts

| Configuration      | 1port female TPA | CPA      | 1port female housing |
|--------------------|------------------|----------|----------------------|
| Product Image      |                  |          |                      |
| Code A part number | 33233948         | 33224253 | 33233941             |

Compatible Terminals

| Part Number | 35013995 | 35013997 | 35013996 | 35259495 |
|-------------|----------|----------|----------|----------|
| Wire Type   | RG58LL   | RG174LL  | RTK031   | RTK044   |
| Plating     | Au       | Au       | Au       | Au       |

Fakra 1 Port 180° Unsealed Male Connector without Clip



Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback

Fakra 1 Port 180° unsealed male assembly

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications             | DC Current | Cable Spec             | Specification | Frequency  |
|-----------------------|--------------------|-----------|--------------------------|------------|------------------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | FM/Camera/LVDS/GPS/T-BOX | 2A Max     | RG174LL,RTK031, RG58LL | SEA-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | CPA | Available Codes                          |
|--------|-------------|-------|--------|------|--------------------|-----|------------------------------------------|
| 1      | 33351036    | 180°  | M      | A    | 26.0 x 11.5 x 12.0 | N   | A, B, C, D, E, F, G, H, I, K, L, M, N, Z |
| 2      | 33351037    | 180°  | M      | B    | 26.0 x 11.5 x 12.0 | N   |                                          |
| 3      | 33351038    | 180°  | M      | C    | 26.0 x 11.5 x 12.0 | N   |                                          |
| 4      | 33351039    | 180°  | M      | D    | 26.0 x 11.5 x 12.0 | N   |                                          |
| 5      | 33351040    | 180°  | M      | E    | 26.0 x 11.5 x 12.0 | N   |                                          |
| 6      | 33351041    | 180°  | M      | F    | 26.0 x 11.5 x 12.0 | N   |                                          |
| 7      | 33351042    | 180°  | M      | G    | 26.0 x 11.5 x 12.0 | N   |                                          |
| 8      | 33351043    | 180°  | M      | H    | 26.0 x 11.5 x 12.0 | N   |                                          |
| 9      | 33351044    | 180°  | M      | I    | 26.0 x 11.5 x 12.0 | N   |                                          |
| 10     | 33351045    | 180°  | M      | K    | 26.0 x 11.5 x 12.0 | N   |                                          |
| 11     | 33351046    | 180°  | M      | L    | 26.0 x 11.5 x 12.0 | N   |                                          |
| 12     | 33351047    | 180°  | M      | M    | 26.0 x 11.5 x 12.0 | N   |                                          |
| 13     | 33351048    | 180°  | M      | N    | 26.0 x 11.5 x 12.0 | N   |                                          |
| 14     | 33351049    | 180°  | M      | Z    | 26.0 x 11.5 x 12.0 | N   |                                          |

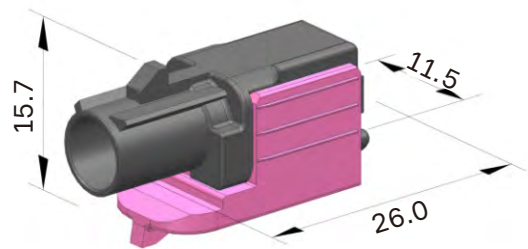
Accessory Parts

| Configuration      | 1port female TPA | 1port Male housing |
|--------------------|------------------|--------------------|
| Product Image      |                  |                    |
| Code A part number | 33233947         | 33224243           |

Compatible Terminals

| Part Number | 35226539 | 35226547 | 35226543 | 35259494 |
|-------------|----------|----------|----------|----------|
| Wire Type   | RG58LL   | RG174LL  | RTK031   | RTK044   |
| Plating     | Au       | Au       | Au       | Au       |

Fakra 1 Port 180° Unsealed Male Connector with Clip



Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback

Fakra 1 Port 180° unsealed male assembly

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications             | DC Current | Cable Spec             | Specification | Frequency  |
|-----------------------|--------------------|-----------|--------------------------|------------|------------------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | FM/Camera/LVDS/GPS/T-BOX | 2A Max     | RG174LL,RTK031, RG58LL | SEA-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | CPA | Available Codes                          |
|--------|-------------|-------|--------|------|--------------------|-----|------------------------------------------|
| 1      | 33340363    | 180°  | M      | A    | 26.0 x 11.5 x 15.7 | N   | A, B, C, D, E, F, G, H, I, K, L, M, N, Z |
| 2      | 33340364    | 180°  | M      | B    | 26.0 x 11.5 x 15.7 | N   |                                          |
| 3      | 33340365    | 180°  | M      | C    | 26.0 x 11.5 x 15.7 | N   |                                          |
| 4      | 33340366    | 180°  | M      | D    | 26.0 x 11.5 x 15.7 | N   |                                          |
| 5      | 33340367    | 180°  | M      | E    | 26.0 x 11.5 x 15.7 | N   |                                          |
| 6      | 33340368    | 180°  | M      | F    | 26.0 x 11.5 x 15.7 | N   |                                          |
| 7      | 33340369    | 180°  | M      | G    | 26.0 x 11.5 x 15.7 | N   |                                          |
| 8      | 33340370    | 180°  | M      | H    | 26.0 x 11.5 x 15.7 | N   |                                          |
| 9      | 33340371    | 180°  | M      | I    | 26.0 x 11.5 x 15.7 | N   |                                          |
| 10     | 33340372    | 180°  | M      | K    | 26.0 x 11.5 x 15.7 | N   |                                          |
| 11     | 33340373    | 180°  | M      | L    | 26.0 x 11.5 x 15.7 | N   |                                          |
| 12     | 33340374    | 180°  | M      | M    | 26.0 x 11.5 x 15.7 | N   |                                          |
| 13     | 33340375    | 180°  | M      | N    | 26.0 x 11.5 x 15.7 | N   |                                          |
| 14     | 33340376    | 180°  | M      | Z    | 26.0 x 11.5 x 15.7 | N   |                                          |

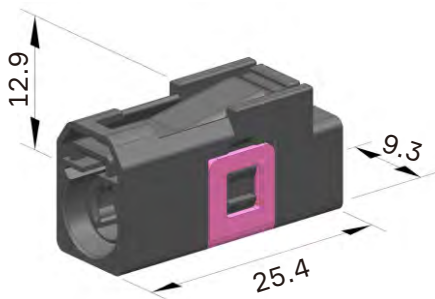
Accessory Parts

| Configuration      | 1port Male TPA | 1port Male housing |
|--------------------|----------------|--------------------|
| Product Image      |                |                    |
| Code A part number | 33233948       | 33224243           |

Compatible Terminals

| Part Number | 35226539 | 35226547 | 35226543 | 35259494 |
|-------------|----------|----------|----------|----------|
| Wire Type   | RG58LL   | RG174LL  | RTK031   | RTK044   |
| Plating     | Au       | Au       | Au       | Au       |

Fakra 1 Port 180° Unsealed Female Connector (Short Body) without CPA and without Clip



Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional CPA

Fakra 1 Port 180° unsealed female assembly

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications             | DC Current | Cable Spec             | Specification | Frequency  |
|-----------------------|--------------------|-----------|--------------------------|------------|------------------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | FM/Camera/LVDS/GPS/T-BOX | 2A Max     | RG174LL,RTK031, RG58LL | SEA-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions        | CPA | Available Codes                          |
|--------|-------------|-------|--------|------|-------------------|-----|------------------------------------------|
| 1      | 35610945    | 180°  | F      | A    | 25.4 x 9.3 x 12.9 | N   | A, B, C, D, E, F, G, H, I, K, L, M, N, Z |
| 2      | 35610946    | 180°  | F      | B    | 25.4 x 9.3 x 12.9 | N   |                                          |
| 3      | 35610947    | 180°  | F      | C    | 25.4 x 9.3 x 12.9 | N   |                                          |
| 4      | 35610948    | 180°  | F      | D    | 25.4 x 9.3 x 12.9 | N   |                                          |
| 5      | 35622564    | 180°  | F      | E    | 25.4 x 9.3 x 12.9 | N   |                                          |
| 6      | 35622565    | 180°  | F      | F    | 25.4 x 9.3 x 12.9 | N   |                                          |
| 7      | 35622566    | 180°  | F      | G    | 25.4 x 9.3 x 12.9 | N   |                                          |
| 8      | 35622567    | 180°  | F      | H    | 25.4 x 9.3 x 12.9 | N   |                                          |
| 9      | 35622568    | 180°  | F      | I    | 25.4 x 9.3 x 12.9 | N   |                                          |
| 10     | 35622569    | 180°  | F      | K    | 25.4 x 9.3 x 12.9 | N   |                                          |
| 11     | 35622570    | 180°  | F      | L    | 25.4 x 9.3 x 12.9 | N   |                                          |
| 12     | 35622571    | 180°  | F      | M    | 25.4 x 9.3 x 12.9 | N   |                                          |
| 13     | 35622572    | 180°  | F      | N    | 25.4 x 9.3 x 12.9 | N   |                                          |
| 14     | 35622573    | 180°  | F      | Z    | 25.4 x 9.3 x 12.9 | N   |                                          |

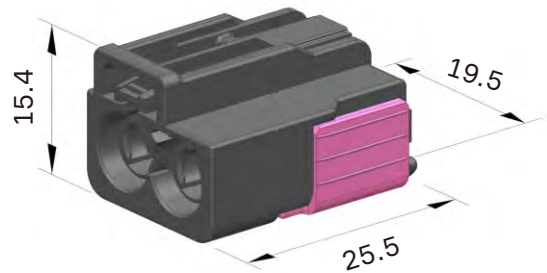
Accessory Parts

| Configuration      | 1port female TPA | 1port female housing |
|--------------------|------------------|----------------------|
| Product Image      |                  |                      |
| Code A part number | 35602008         | 35602007             |

Compatible Terminals

| Part Number | 35226539 | 35226547 | 35226543 | 35259494 |
|-------------|----------|----------|----------|----------|
| Wire Type   | RG58LL   | RG174LL  | RTK031   | RTK044   |
| Plating     | Au       | Au       | Au       | Au       |

Fakra 2 Port 180° Unsealed Female Connector without CPA and without Clip



Fakra 2 Port 180° unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications             | DC Current | Cable Spec             | Specification | Frequency  |
|-----------------------|--------------------|-----------|--------------------------|------------|------------------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | FM/Camera/LVDS/GPS/T-BOX | 2A Max     | RG174LL,RTK031, RG58LL | SEA-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | CPA | Available Codes                          |
|--------|-------------|-------|--------|------|--------------------|-----|------------------------------------------|
| 1      | 35127582    | 180°  | F      | A    | 25.5 x 19.5 x 15.4 | N   | A, B, C, D, E, F, G, H, I, K, L, M, N, Z |
| 2      | 35127583    | 180°  | F      | B    | 25.5 x 19.5 x 15.4 | N   |                                          |
| 3      | 35127584    | 180°  | F      | C    | 25.5 x 19.5 x 15.4 | N   |                                          |
| 4      | 35127585    | 180°  | F      | D    | 25.5 x 19.5 x 15.4 | N   |                                          |
| 5      | 35127586    | 180°  | F      | E    | 25.5 x 19.5 x 15.4 | N   |                                          |
| 6      | 35127587    | 180°  | F      | F    | 25.5 x 19.5 x 15.4 | N   |                                          |
| 7      | 35127588    | 180°  | F      | G    | 25.5 x 19.5 x 15.4 | N   |                                          |
| 8      | 35127589    | 180°  | F      | H    | 25.5 x 19.5 x 15.4 | N   |                                          |
| 9      | 35127590    | 180°  | F      | I    | 25.5 x 19.5 x 15.4 | N   |                                          |
| 10     | 35127591    | 180°  | F      | K    | 25.5 x 19.5 x 15.4 | N   |                                          |
| 11     | 35127592    | 180°  | F      | L    | 25.5 x 19.5 x 15.4 | N   |                                          |
| 12     | 35127593    | 180°  | F      | M    | 25.5 x 19.5 x 15.4 | N   |                                          |
| 13     | 35127594    | 180°  | F      | N    | 25.5 x 19.5 x 15.4 | N   |                                          |
| 14     | 35127595    | 180°  | F      | Z    | 25.5 x 19.5 x 15.4 | N   |                                          |

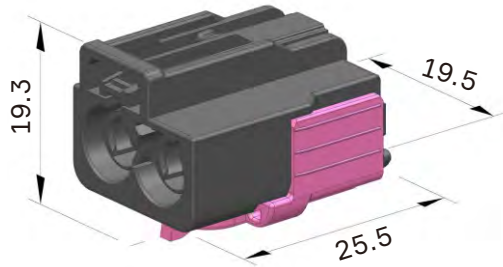
Accessory Parts

| Configuration      | 2port female TPA | 2port female housing |
|--------------------|------------------|----------------------|
| Product Image      |                  |                      |
| Code A part number | 33224251         | 33224247             |

Compatible Terminals

| Part Number | 35226539 | 35226547 | 35226543 | 35259494 |
|-------------|----------|----------|----------|----------|
| Wire Type   | RG58LL   | RG174LL  | RTK031   | RTK044   |
| Plating     | Au       | Au       | Au       | Au       |

Fakra 2 Port 180° Unsealed Female Connector without CPA and with Clip



Fakra 2 Port 180° unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications             | DC Current | Cable Spec             | Specification | Frequency  |
|-----------------------|--------------------|-----------|--------------------------|------------|------------------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | FM/Camera/LVDS/GPS/T-BOX | 2A Max     | RG174LL,RTK031, RG58LL | SEA-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | CPA | Available Codes                          |
|--------|-------------|-------|--------|------|--------------------|-----|------------------------------------------|
| 1      | 35127596    | 180°  | F      | A    | 25.5 x 19.5 x 19.3 | N   | A, B, C, D, E, F, G, H, I, K, L, M, N, Z |
| 2      | 35127597    | 180°  | F      | B    | 25.5 x 19.5 x 19.3 | N   |                                          |
| 3      | 35127598    | 180°  | F      | C    | 25.5 x 19.5 x 19.3 | N   |                                          |
| 4      | 35127599    | 180°  | F      | D    | 25.5 x 19.5 x 19.3 | N   |                                          |
| 5      | 35127600    | 180°  | F      | E    | 25.5 x 19.5 x 19.3 | N   |                                          |
| 6      | 35127601    | 180°  | F      | F    | 25.5 x 19.5 x 19.3 | N   |                                          |
| 7      | 35127605    | 180°  | F      | G    | 25.5 x 19.5 x 19.3 | N   |                                          |
| 8      | 35127606    | 180°  | F      | H    | 25.5 x 19.5 x 19.3 | N   |                                          |
| 9      | 35127607    | 180°  | F      | I    | 25.5 x 19.5 x 19.3 | N   |                                          |
| 10     | 35127608    | 180°  | F      | K    | 25.5 x 19.5 x 19.3 | N   |                                          |
| 11     | 35127609    | 180°  | F      | L    | 25.5 x 19.5 x 19.3 | N   |                                          |
| 12     | 35127610    | 180°  | F      | M    | 25.5 x 19.5 x 19.3 | N   |                                          |
| 13     | 35127611    | 180°  | F      | N    | 25.5 x 19.5 x 19.3 | N   |                                          |
| 14     | 35127612    | 180°  | F      | Z    | 25.5 x 19.5 x 19.3 | N   |                                          |

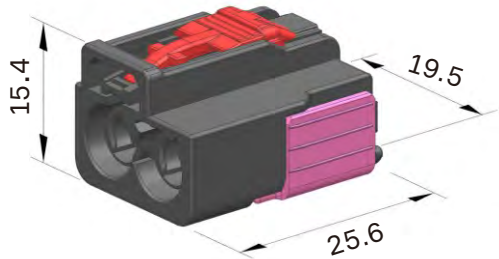
Accessory Parts

| Configuration      | 2port female TPA | 2port female housing |
|--------------------|------------------|----------------------|
| Product Image      |                  |                      |
| Code A part number | 33224250         | 33224247             |

Compatible Terminals

| Part Number | 35226539 | 35226547 | 35226543 | 35259494 |
|-------------|----------|----------|----------|----------|
| Wire Type   | RG58LL   | RG174LL  | RTK031   | RTK044   |
| Plating     | Au       | Au       | Au       | Au       |

Fakra 2 Port 180° Unsealed Female Connector with CPA and without Clip



Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional CPA

Fakra 2 Port 180° unsealed female assembly

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications             | DC Current | Cable Spec             | Specification | Frequency  |
|-----------------------|--------------------|-----------|--------------------------|------------|------------------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | FM/Camera/LVDS/GPS/T-BOX | 2A Max     | RG174LL,RTK031, RG58LL | SEA-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | CPA | Available Codes                          |
|--------|-------------|-------|--------|------|--------------------|-----|------------------------------------------|
| 1      | 33340378    | 180°  | F      | A    | 25.6 x 19.5 x 15.4 | Y   | A, B, C, D, E, F, G, H, I, K, L, M, N, Z |
| 2      | 33340379    | 180°  | F      | B    | 25.6 x 19.5 x 15.4 | Y   |                                          |
| 3      | 33340380    | 180°  | F      | C    | 25.6 x 19.5 x 15.4 | Y   |                                          |
| 4      | 33340381    | 180°  | F      | D    | 25.6 x 19.5 x 15.4 | Y   |                                          |
| 5      | 33340382    | 180°  | F      | E    | 25.6 x 19.5 x 15.4 | Y   |                                          |
| 6      | 33340383    | 180°  | F      | F    | 25.6 x 19.5 x 15.4 | Y   |                                          |
| 7      | 33340384    | 180°  | F      | G    | 25.6 x 19.5 x 15.4 | Y   |                                          |
| 8      | 33340385    | 180°  | F      | H    | 25.6 x 19.5 x 15.4 | Y   |                                          |
| 9      | 33340386    | 180°  | F      | I    | 25.6 x 19.5 x 15.4 | Y   |                                          |
| 10     | 33340387    | 180°  | F      | K    | 25.6 x 19.5 x 15.4 | Y   |                                          |
| 11     | 33340388    | 180°  | F      | L    | 25.6 x 19.5 x 15.4 | Y   |                                          |
| 12     | 33340389    | 180°  | F      | M    | 25.6 x 19.5 x 15.4 | Y   |                                          |
| 13     | 33340390    | 180°  | F      | N    | 25.6 x 19.5 x 15.4 | Y   |                                          |
| 14     | 33340391    | 180°  | F      | Z    | 25.6 x 19.5 x 15.4 | Y   |                                          |

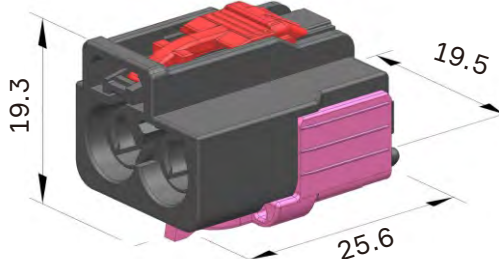
Accessory Parts

| Configuration      | 2port female TPA | CPA      | 2port female housing |
|--------------------|------------------|----------|----------------------|
| Product Image      |                  |          |                      |
| Code A part number | 33224251         | 33224253 | 33224247             |

Compatible Terminals

| Part Number | 35226539 | 35226547 | 35226543 | 35259494 |
|-------------|----------|----------|----------|----------|
| Wire Type   | RG58LL   | RG174LL  | RTK031   | RTK044   |
| Plating     | Au       | Au       | Au       | Au       |

Fakra 2 Port 180° Unsealed Female Connector with CPA and with Clip



Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional CPA

Fakra 2 Port 180° unsealed female assembly

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications             | DC Current | Cable Spec             | Specification | Frequency  |
|-----------------------|--------------------|-----------|--------------------------|------------|------------------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | FM/Camera/LVDS/GPS/T-BOX | 2A Max     | RG174LL,RTK031, RG58LL | SEA-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | CPA | Available Codes                          |
|--------|-------------|-------|--------|------|--------------------|-----|------------------------------------------|
| 1      | 33351057    | 180°  | F      | A    | 25.6 x 19.3 x 19.5 | Y   | A, B, C, D, E, F, G, H, I, K, L, M, N, Z |
| 2      | 33351058    | 180°  | F      | B    | 25.6 x 19.3 x 19.5 | Y   |                                          |
| 3      | 33351059    | 180°  | F      | C    | 25.6 x 19.3 x 19.5 | Y   |                                          |
| 4      | 33351060    | 180°  | F      | D    | 25.6 x 19.3 x 19.5 | Y   |                                          |
| 5      | 33351061    | 180°  | F      | E    | 25.6 x 19.3 x 19.5 | Y   |                                          |
| 6      | 33351062    | 180°  | F      | F    | 25.6 x 19.3 x 19.5 | Y   |                                          |
| 7      | 33351063    | 180°  | F      | G    | 25.6 x 19.3 x 19.5 | Y   |                                          |
| 8      | 33351064    | 180°  | F      | H    | 25.6 x 19.3 x 19.5 | Y   |                                          |
| 9      | 33351065    | 180°  | F      | I    | 25.6 x 19.3 x 19.5 | Y   |                                          |
| 10     | 33351066    | 180°  | F      | K    | 25.6 x 19.3 x 19.5 | Y   |                                          |
| 11     | 33351067    | 180°  | F      | L    | 25.6 x 19.3 x 19.5 | Y   |                                          |
| 12     | 33351068    | 180°  | F      | M    | 25.6 x 19.3 x 19.5 | Y   |                                          |
| 13     | 33351069    | 180°  | F      | N    | 25.6 x 19.3 x 19.5 | Y   |                                          |
| 14     | 33351070    | 180°  | F      | Z    | 25.6 x 19.3 x 19.5 | Y   |                                          |

Accessory Parts

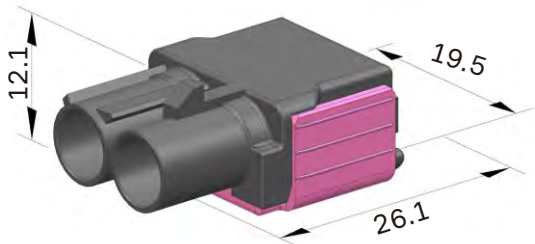
| Configuration      | 2port female TPA | CPA      | 2port female housing |
|--------------------|------------------|----------|----------------------|
| Product Image      |                  |          |                      |
| Code A part number | 33224250         | 33224253 | 33224247             |

Compatible Terminals

| Part Number | 35226539 | 35226547 | 35226543 | 35259494 |
|-------------|----------|----------|----------|----------|
| Wire Type   | RG58LL   | RG174LL  | RTK031   | RTK044   |
| Plating     | Au       | Au       | Au       | Au       |



Fakra 2 Port 180° Unsealed Male Connector without Clip



Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback

Fakra 2 Port 180° unsealed male assembly

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications             | DC Current | Cable Spec             | Specification | Frequency  |
|-----------------------|--------------------|-----------|--------------------------|------------|------------------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | FM/Camera/LVDS/GPS/T-BOX | 2A Max     | RG174LL,RTK031, RG58LL | SEA-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | CPA | Available Codes                          |
|--------|-------------|-------|--------|------|--------------------|-----|------------------------------------------|
| 1      | 33351071    | 180°  | M      | A    | 26.1 x 19.5 x 12.1 | N   | A, B, C, D, E, F, G, H, I, K, L, M, N, Z |
| 2      | 33351072    | 180°  | M      | B    | 26.1 x 19.5 x 12.1 | N   |                                          |
| 3      | 33351073    | 180°  | M      | C    | 26.1 x 19.5 x 12.1 | N   |                                          |
| 4      | 33351074    | 180°  | M      | D    | 26.1 x 19.5 x 12.1 | N   |                                          |
| 5      | 33351075    | 180°  | M      | E    | 26.1 x 19.5 x 12.1 | N   |                                          |
| 6      | 33351076    | 180°  | M      | F    | 26.1 x 19.5 x 12.1 | N   |                                          |
| 7      | 33351077    | 180°  | M      | G    | 26.1 x 19.5 x 12.1 | N   |                                          |
| 8      | 33351078    | 180°  | M      | H    | 26.1 x 19.5 x 12.1 | N   |                                          |
| 9      | 33351079    | 180°  | M      | I    | 26.1 x 19.5 x 12.1 | N   |                                          |
| 10     | 33351080    | 180°  | M      | K    | 26.1 x 19.5 x 12.1 | N   |                                          |
| 11     | 33351081    | 180°  | M      | L    | 26.1 x 19.5 x 12.1 | N   |                                          |
| 12     | 33351082    | 180°  | M      | M    | 26.1 x 19.5 x 12.1 | N   |                                          |
| 13     | 33351083    | 180°  | M      | N    | 26.1 x 19.5 x 12.1 | N   |                                          |
| 14     | 33351084    | 180°  | M      | Z    | 26.1 x 19.5 x 12.1 | N   |                                          |

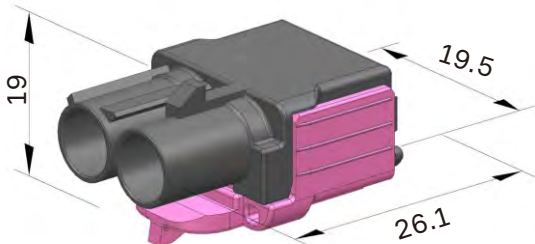
Accessory Parts

| Configuration      | 2port Male TPA | 2port Male housing |
|--------------------|----------------|--------------------|
| Product Image      |                |                    |
| Code A part number | 33224251       | 33224246           |

Compatible Terminals

| Part Number | 35013995 | 35013997 | 35013996 | 35259495 |
|-------------|----------|----------|----------|----------|
| Wire Type   | RG58LL   | RG174LL  | RTK031   | RTK044   |
| Plating     | Au       | Au       | Au       | Au       |

Fakra 2 Port 180° Unsealed Male Connector with Clip



Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback

Fakra 2 Port 180° unsealed male assembly

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications             | DC Current | Cable Spec             | Specification | Frequency  |
|-----------------------|--------------------|-----------|--------------------------|------------|------------------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | FM/Camera/LVDS/GPS/T-BOX | 2A Max     | RG174LL,RTK031, RG58LL | SEA-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions       | CPA | Available Codes                          |
|--------|-------------|-------|--------|------|------------------|-----|------------------------------------------|
| 1      | 33340409    | 180°  | M      | A    | 26.1 x 19.5 x 19 | N   | A, B, C, D, E, F, G, H, I, K, L, M, N, Z |
| 2      | 33340410    | 180°  | M      | B    | 26.1 x 19.5 x 19 | N   |                                          |
| 3      | 33340411    | 180°  | M      | C    | 26.1 x 19.5 x 19 | N   |                                          |
| 4      | 33340412    | 180°  | M      | D    | 26.1 x 19.5 x 19 | N   |                                          |
| 5      | 33340413    | 180°  | M      | E    | 26.1 x 19.5 x 19 | N   |                                          |
| 6      | 33340414    | 180°  | M      | F    | 26.1 x 19.5 x 19 | N   |                                          |
| 7      | 33340415    | 180°  | M      | G    | 26.1 x 19.5 x 19 | N   |                                          |
| 8      | 33340416    | 180°  | M      | H    | 26.1 x 19.5 x 19 | N   |                                          |
| 9      | 33340417    | 180°  | M      | I    | 26.1 x 19.5 x 19 | N   |                                          |
| 10     | 33340418    | 180°  | M      | K    | 26.1 x 19.5 x 19 | N   |                                          |
| 11     | 33340419    | 180°  | M      | L    | 26.1 x 19.5 x 19 | N   |                                          |
| 12     | 33340420    | 180°  | M      | M    | 26.1 x 19.5 x 19 | N   |                                          |
| 13     | 33340421    | 180°  | M      | N    | 26.1 x 19.5 x 19 | N   |                                          |
| 14     | 33340422    | 180°  | M      | Z    | 26.1 x 19.5 x 19 | N   |                                          |

Accessory Parts

| Configuration      | 2port Male TPA | 2port Male housing |
|--------------------|----------------|--------------------|
| Product Image      |                |                    |
| Code A part number | 33224250       | 33224246           |

Compatible Terminals

| Part Number | 35013995 | 35013997 | 35013996 | 35259495 |
|-------------|----------|----------|----------|----------|
| Wire Type   | RG58LL   | RG174LL  | RTK031   | RTK044   |
| Plating     | Au       | Au       | Au       | Au       |

Fakra 2 Port 180° Unsealed Female Connector (Short Body) without CPA and without Clip



Fakra 2 Port 180° unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications             | DC Current | Cable Spec             | Specification | Frequency  |
|-----------------------|--------------------|-----------|--------------------------|------------|------------------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | FM/Camera/LVDS/GPS/T-BOX | 2A Max     | RG174LL,RTK031, RG58LL | SEA-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | CPA | Available Codes                          |
|--------|-------------|-------|--------|------|--------------------|-----|------------------------------------------|
| 1      | 35610949    | 180°  | F      | A    | 25.4 x 17.2 x 12.9 | N   | A, B, C, D, E, F, G, H, I, K, L, M, N, Z |
| 2      | 35610950    | 180°  | F      | B    | 25.4 x 17.2 x 12.9 | N   |                                          |
| 3      | 35610951    | 180°  | F      | C    | 25.4 x 17.2 x 12.9 | N   |                                          |
| 4      | 35610952    | 180°  | F      | D    | 25.4 x 17.2 x 12.9 | N   |                                          |
| 5      | 35624843    | 180°  | F      | E    | 25.4 x 17.2 x 12.9 | N   |                                          |
| 6      | 35624844    | 180°  | F      | F    | 25.4 x 17.2 x 12.9 | N   |                                          |
| 7      | 35624845    | 180°  | F      | G    | 25.4 x 17.2 x 12.9 | N   |                                          |
| 8      | 35624846    | 180°  | F      | H    | 25.4 x 17.2 x 12.9 | N   |                                          |
| 9      | 35624847    | 180°  | F      | I    | 25.4 x 17.2 x 12.9 | N   |                                          |
| 10     | 35624848    | 180°  | F      | K    | 25.4 x 17.2 x 12.9 | N   |                                          |
| 11     | 35624849    | 180°  | F      | L    | 25.4 x 17.2 x 12.9 | N   |                                          |
| 12     | 35624850    | 180°  | F      | M    | 25.4 x 17.2 x 12.9 | N   |                                          |
| 13     | 35624851    | 180°  | F      | N    | 25.4 x 17.2 x 12.9 | N   |                                          |
| 14     | 35624853    | 180°  | F      | Z    | 25.4 x 17.2 x 12.9 | N   |                                          |

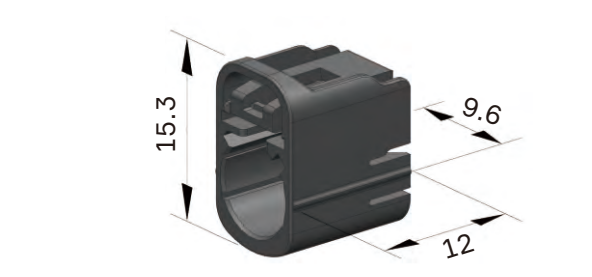
Accessory Parts

| Configuration      | 2port female TPA | 2port female housing |
|--------------------|------------------|----------------------|
| Product Image      |                  |                      |
| Code A part number | 35602069         | 35602071             |

Compatible Terminals

| Part Number | 35226539 | 35226547 | 35226543 | 35259494 |
|-------------|----------|----------|----------|----------|
| Wire Type   | RG58LL   | RG174LL  | RTK031   | RTK044   |
| Plating     | Au       | Au       | Au       | Au       |

Fakra 1 Port 90° Unsealed Female Connector without CPA and without Clip



Fakra 1 Port 90° unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications             | DC Current | Cable Spec             | Specification | Frequency  |
|-----------------------|--------------------|-----------|--------------------------|------------|------------------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | FM/Camera/LVDS/GPS/T-BOX | 2A Max     | RG174LL,RTK031, RG58LL | SEA-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions      | CPA | Available Codes                          |
|--------|-------------|-------|--------|------|-----------------|-----|------------------------------------------|
| 1      | 33333682    | 90°   | F      | A    | 15.3 x 9.6 x 12 | N   | A, B, C, D, E, F, G, H, I, K, L, M, N, Z |
| 2      | 33341063    | 90°   | F      | B    | 15.3 x 9.6 x 12 | N   |                                          |
| 3      | 33341064    | 90°   | F      | C    | 15.3 x 9.6 x 12 | N   |                                          |
| 4      | 33341065    | 90°   | F      | D    | 15.3 x 9.6 x 12 | N   |                                          |
| 5      | 33341066    | 90°   | F      | E    | 15.3 x 9.6 x 12 | N   |                                          |
| 6      | 33341067    | 90°   | F      | F    | 15.3 x 9.6 x 12 | N   |                                          |
| 7      | 33341068    | 90°   | F      | G    | 15.3 x 9.6 x 12 | N   |                                          |
| 8      | 33341069    | 90°   | F      | H    | 15.3 x 9.6 x 12 | N   |                                          |
| 9      | 33341070    | 90°   | F      | I    | 15.3 x 9.6 x 12 | N   |                                          |
| 10     | 33341071    | 90°   | F      | K    | 15.3 x 9.6 x 12 | N   |                                          |
| 11     | 33341072    | 90°   | F      | L    | 15.3 x 9.6 x 12 | N   |                                          |
| 12     | 33341073    | 90°   | F      | M    | 15.3 x 9.6 x 12 | N   |                                          |
| 13     | 33341074    | 90°   | F      | N    | 15.3 x 9.6 x 12 | N   |                                          |
| 14     | 33341075    | 90°   | F      | Z    | 15.3 x 9.6 x 12 | N   |                                          |

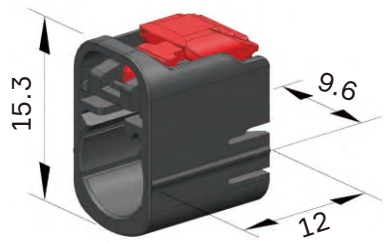
Accessory Parts

| Configuration      | 1port female housing |
|--------------------|----------------------|
| Product Image      |                      |
| Code A part number | 33333682             |

Compatible Terminals

| Part Number | 35229787 | 35229792 | 35227923 |
|-------------|----------|----------|----------|
| Wire Type   | RG58LL   | RG174LL  | RTK031   |
| Plating     | Au       | Au       | Au       |

Fakra 1 Port 90° Unsealed Female Connector with CPA and without Clip



Fakra 1 Port 90° unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications             | DC Current | Cable Spec             | Specification | Frequency  |
|-----------------------|--------------------|-----------|--------------------------|------------|------------------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | FM/Camera/LVDS/GPS/T-BOX | 2A Max     | RG174LL,RTK031, RG58LL | SEA-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions      | CPA | Available Codes                          |
|--------|-------------|-------|--------|------|-----------------|-----|------------------------------------------|
| 1      | 35188735    | 90°   | F      | A    | 12 x 9.6 x 15.3 | Y   | A, B, C, D, E, F, G, H, I, K, L, M, N, Z |
| 2      | 35188736    | 90°   | F      | B    | 12 x 9.6 x 15.3 | Y   |                                          |
| 3      | 35188737    | 90°   | F      | C    | 12 x 9.6 x 15.3 | Y   |                                          |
| 4      | 35188738    | 90°   | F      | D    | 12 x 9.6 x 15.3 | Y   |                                          |
| 5      | 35188740    | 90°   | F      | E    | 12 x 9.6 x 15.3 | Y   |                                          |
| 6      | 35188741    | 90°   | F      | F    | 12 x 9.6 x 15.3 | Y   |                                          |
| 7      | 35188742    | 90°   | F      | G    | 12 x 9.6 x 15.3 | Y   |                                          |
| 8      | 35188744    | 90°   | F      | H    | 12 x 9.6 x 15.3 | Y   |                                          |
| 9      | 35188745    | 90°   | F      | I    | 12 x 9.6 x 15.3 | Y   |                                          |
| 10     | 35188747    | 90°   | F      | K    | 12 x 9.6 x 15.3 | Y   |                                          |
| 11     | 35188748    | 90°   | F      | L    | 12 x 9.6 x 15.3 | Y   |                                          |
| 12     | 35188749    | 90°   | F      | M    | 12 x 9.6 x 15.3 | Y   |                                          |
| 13     | 35188750    | 90°   | F      | N    | 12 x 9.6 x 15.3 | Y   |                                          |
| 14     | 35188751    | 90°   | F      | Z    | 12 x 9.6 x 15.3 | Y   |                                          |

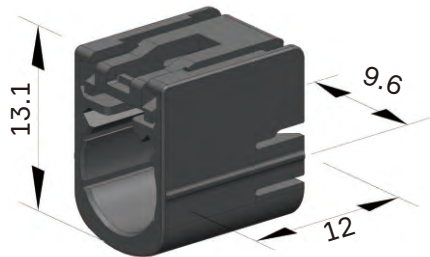
Accessory Parts

| Configuration      | CPA      | 1port female housing |
|--------------------|----------|----------------------|
| Product Image      |          |                      |
| Code A part number | 33333683 | 33333682             |

Compatible Terminals

| Part Number | 35229787 | 35229792 | 35227923 |
|-------------|----------|----------|----------|
| Wire Type   | RG58LL   | RG174LL  | RTK031   |
| Plating     | Au       | Au       | Au       |

Fakra 1 Port 90° Unsealed Female Connector (Short Body) without CPA and without Clip



Fakra 1 Port 90° unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications             | DC Current | Cable Spec             | Specification | Frequency  |
|-----------------------|--------------------|-----------|--------------------------|------------|------------------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | FM/Camera/LVDS/GPS/T-BOX | 2A Max     | RG174LL,RTK031, RG58LL | SEA-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions      | CPA | Available Codes                          |
|--------|-------------|-------|--------|------|-----------------|-----|------------------------------------------|
| 1      | 35524878    | 90°   | F      | A    | 12 x 9.6 x 13.1 | N   | A, B, C, D, E, F, G, H, I, K, L, M, N, Z |
| 2      | 35525133    | 90°   | F      | B    | 12 x 9.6 x 13.1 | N   |                                          |
| 3      | 35525134    | 90°   | F      | C    | 12 x 9.6 x 13.1 | N   |                                          |
| 4      | 35525136    | 90°   | F      | D    | 12 x 9.6 x 13.1 | N   |                                          |
| 5      | 35525138    | 90°   | F      | E    | 12 x 9.6 x 13.1 | N   |                                          |
| 6      | 35525144    | 90°   | F      | F    | 12 x 9.6 x 13.1 | N   |                                          |
| 7      | 35525145    | 90°   | F      | G    | 12 x 9.6 x 13.1 | N   |                                          |
| 8      | 35525146    | 90°   | F      | H    | 12 x 9.6 x 13.1 | N   |                                          |
| 9      | 35525147    | 90°   | F      | I    | 12 x 9.6 x 13.1 | N   |                                          |
| 10     | 35525148    | 90°   | F      | K    | 12 x 9.6 x 13.1 | N   |                                          |
| 11     | 35525149    | 90°   | F      | L    | 12 x 9.6 x 13.1 | N   |                                          |
| 12     | 35525150    | 90°   | F      | M    | 12 x 9.6 x 13.1 | N   |                                          |
| 13     | 35525151    | 90°   | F      | N    | 12 x 9.6 x 13.1 | N   |                                          |
| 14     | 35525152    | 90°   | F      | Z    | 12 x 9.6 x 13.1 | N   |                                          |

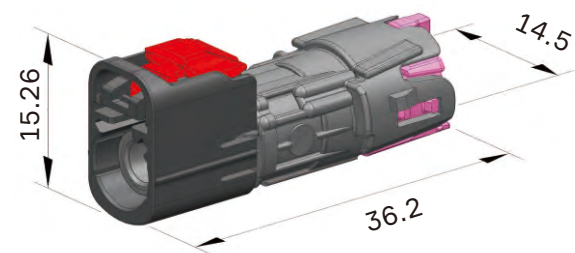
Accessory Parts

| Configuration      | 1port female housing |
|--------------------|----------------------|
| Product Image      |                      |
| Code A part number | 35524878             |

Compatible Terminals

| Part Number | 35229787 | 35229792 | 35227923 |
|-------------|----------|----------|----------|
| Wire Type   | RG58LL   | RG174LL  | RTK031   |
| Plating     | Au       | Au       | Au       |

Fakra 1 Port 180° Sealed Female Connector with CPA and without Clip



Fakra 1 Port 180° sealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications             | DC Current | Cable Spec             | Specification | Frequency  |
|-----------------------|------------------|-----------|--------------------------|------------|------------------------|---------------|------------|
| -40°~105°             | Class 3 (Sealed) | V1        | FM/Camera/LVDS/GPS/T-BOX | 2A Max     | RG174LL,RTK031, RG58LL | SEA-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions          | CPA | Available Codes                          |
|--------|-------------|-------|--------|------|---------------------|-----|------------------------------------------|
| 1      | 35187032    | 180°  | F      | A    | 36.2 x 14.5 x 15.26 | Y   | A, B, C, D, E, F, G, H, I, K, L, M, N, Z |
| 2      | 35187033    | 180°  | F      | B    | 36.2 x 14.5 x 15.26 | Y   |                                          |
| 3      | 35187034    | 180°  | F      | C    | 36.2 x 14.5 x 15.26 | Y   |                                          |
| 4      | 35187035    | 180°  | F      | D    | 36.2 x 14.5 x 15.26 | Y   |                                          |
| 5      | 35187036    | 180°  | F      | E    | 36.2 x 14.5 x 15.26 | Y   |                                          |
| 6      | 35187037    | 180°  | F      | F    | 36.2 x 14.5 x 15.26 | Y   |                                          |
| 7      | 35187038    | 180°  | F      | G    | 36.2 x 14.5 x 15.26 | Y   |                                          |
| 8      | 35187039    | 180°  | F      | H    | 36.2 x 14.5 x 15.26 | Y   |                                          |
| 9      | 35187040    | 180°  | F      | I    | 36.2 x 14.5 x 15.26 | Y   |                                          |
| 10     | 35187041    | 180°  | F      | K    | 36.2 x 14.5 x 15.26 | Y   |                                          |
| 11     | 35187042    | 180°  | F      | L    | 36.2 x 14.5 x 15.26 | Y   |                                          |
| 12     | 35187043    | 180°  | F      | M    | 36.2 x 14.5 x 15.26 | Y   |                                          |
| 13     | 35187044    | 180°  | F      | N    | 36.2 x 14.5 x 15.26 | Y   |                                          |
| 14     | 35187045    | 180°  | F      | Z    | 36.2 x 14.5 x 15.26 | Y   |                                          |

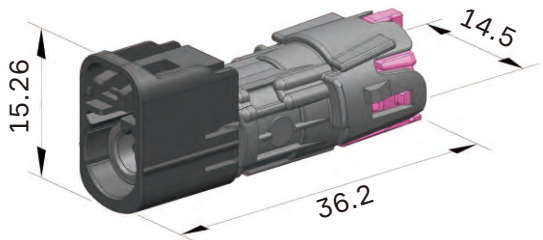
Accessory Parts

| Configuration      | Seal     | Inner conn ASSY | Retainer | 1port female housing |
|--------------------|----------|-----------------|----------|----------------------|
| Product Image      |          |                 |          |                      |
| Code A part number | 33359662 | 35107506        | 33358010 | 35188735             |

Compatible Terminals

| Part Number | 35226539 | 35226547 | 35226543 | 35259494 |
|-------------|----------|----------|----------|----------|
| Wire Type   | RG58LL   | RG174LL  | RTK031   | RTK044   |
| Plating     | Au       | Au       | Au       | Au       |

Fakra 1 Port 180° Sealed Female Connector without CPA and without Clip



Fakra 1P 180° sealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications             | DC Current | Cable Spec             | Specification | Frequency  |
|-----------------------|------------------|-----------|--------------------------|------------|------------------------|---------------|------------|
| -40°~105°             | Class 3 (Sealed) | V1        | FM/Camera/LVDS/GPS/T-BOX | 2A Max     | RG174LL,RTK031, RG58LL | SEA-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions          | CPA | Available Codes                          |
|--------|-------------|-------|--------|------|---------------------|-----|------------------------------------------|
| 1      | 35026646    | 180°  | F      | A    | 36.2 x 14.5 x 15.26 | N   | A, B, C, D, E, F, G, H, I, K, L, M, N, Z |
| 2      | 35026647    | 180°  | F      | B    | 36.2 x 14.5 x 15.26 | N   |                                          |
| 3      | 35026648    | 180°  | F      | C    | 36.2 x 14.5 x 15.26 | N   |                                          |
| 4      | 35026649    | 180°  | F      | D    | 36.2 x 14.5 x 15.26 | N   |                                          |
| 5      | 35026650    | 180°  | F      | E    | 36.2 x 14.5 x 15.26 | N   |                                          |
| 6      | 35026651    | 180°  | F      | F    | 36.2 x 14.5 x 15.26 | N   |                                          |
| 7      | 35026652    | 180°  | F      | G    | 36.2 x 14.5 x 15.26 | N   |                                          |
| 8      | 35026653    | 180°  | F      | H    | 36.2 x 14.5 x 15.26 | N   |                                          |
| 9      | 35026654    | 180°  | F      | I    | 36.2 x 14.5 x 15.26 | N   |                                          |
| 10     | 35026655    | 180°  | F      | K    | 36.2 x 14.5 x 15.26 | N   |                                          |
| 11     | 35026656    | 180°  | F      | L    | 36.2 x 14.5 x 15.26 | N   |                                          |
| 12     | 35026657    | 180°  | F      | M    | 36.2 x 14.5 x 15.26 | N   |                                          |
| 13     | 35026658    | 180°  | F      | N    | 36.2 x 14.5 x 15.26 | N   |                                          |
| 14     | 35026659    | 180°  | F      | Z    | 36.2 x 14.5 x 15.26 | N   |                                          |

Accessory Parts

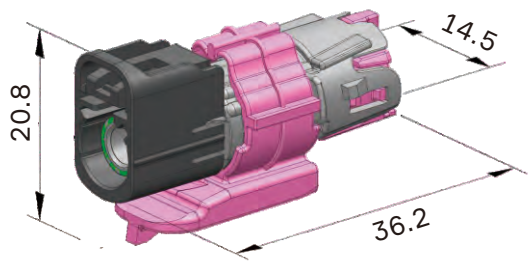
| Configuration      | Seal     | Inner conn ASSY | Retainer | 1port female housing |
|--------------------|----------|-----------------|----------|----------------------|
| Product Image      |          |                 |          |                      |
| Code A part number | 33359662 | 35107506        | 33358010 | 33333682             |

Compatible Terminals

| Part Number | 35226539 | 35226547 | 35226543 | 35259494 |
|-------------|----------|----------|----------|----------|
| Wire Type   | RG58LL   | RG174LL  | RTK031   | RTK044   |
| Plating     | Au       | Au       | Au       | Au       |



Fakra 1 Port 180° Sealed Female Connector without CPA and with Clip



Fakra 1 Port 180° sealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications             | DC Current | Cable Spec             | Specification | Frequency  |
|-----------------------|------------------|-----------|--------------------------|------------|------------------------|---------------|------------|
| -40°~105°             | Class 3 (Sealed) | V1        | FM/Camera/LVDS/GPS/T-BOX | 2A Max     | RG174LL,RTK031, RG58LL | SEA-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | CPA | Available Codes                          |
|--------|-------------|-------|--------|------|--------------------|-----|------------------------------------------|
| 1      | 35026660    | 180°  | F      | A    | 36.2 x 14.5 x 20.8 | N   | A, B, C, D, E, F, G, H, I, K, L, M, N, Z |
| 2      | 35026661    | 180°  | F      | B    | 36.2 x 14.5 x 20.8 | N   |                                          |
| 3      | 35026662    | 180°  | F      | C    | 36.2 x 14.5 x 20.8 | N   |                                          |
| 4      | 35026663    | 180°  | F      | D    | 36.2 x 14.5 x 20.8 | N   |                                          |
| 5      | 35026664    | 180°  | F      | E    | 36.2 x 14.5 x 20.8 | N   |                                          |
| 6      | 35026665    | 180°  | F      | F    | 36.2 x 14.5 x 20.8 | N   |                                          |
| 7      | 35026666    | 180°  | F      | G    | 36.2 x 14.5 x 20.8 | N   |                                          |
| 8      | 35026667    | 180°  | F      | H    | 36.2 x 14.5 x 20.8 | N   |                                          |
| 9      | 35026668    | 180°  | F      | I    | 36.2 x 14.5 x 20.8 | N   |                                          |
| 10     | 35026669    | 180°  | F      | K    | 36.2 x 14.5 x 20.8 | N   |                                          |
| 11     | 35026670    | 180°  | F      | L    | 36.2 x 14.5 x 20.8 | N   |                                          |
| 12     | 35026671    | 180°  | F      | M    | 36.2 x 14.5 x 20.8 | N   |                                          |
| 13     | 35026672    | 180°  | F      | N    | 36.2 x 14.5 x 20.8 | N   |                                          |
| 14     | 35026673    | 180°  | F      | Z    | 36.2 x 14.5 x 20.8 | N   |                                          |

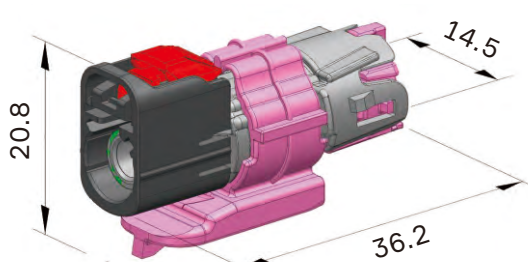
Accessory Parts

| Configuration      | Seal     | Inner conn ASSY | Retainer | 1port female housing |
|--------------------|----------|-----------------|----------|----------------------|
| Product Image      |          |                 |          |                      |
| Code A part number | 33359662 | 35107507        | 33358010 | 33333682             |

Compatible Terminals

| Part Number | 35226539 | 35226547 | 35226543 | 35259494 |
|-------------|----------|----------|----------|----------|
| Wire Type   | RG58LL   | RG174LL  | RTK031   | RTK044   |
| Plating     | Au       | Au       | Au       | Au       |

Fakra 1 Port 180° Sealed Female Connector with CPA and with Clip



Fakra 1 Port 180° sealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications             | DC Current | Cable Spec             | Specification | Frequency  |
|-----------------------|------------------|-----------|--------------------------|------------|------------------------|---------------|------------|
| -40°~105°             | Class 3 (Sealed) | V1        | FM/Camera/LVDS/GPS/T-BOX | 2A Max     | RG174LL,RTK031, RG58LL | SEA-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | CPA | Available Codes                          |
|--------|-------------|-------|--------|------|--------------------|-----|------------------------------------------|
| 1      | 35187047    | 180°  | F      | A    | 36.2 x 14.5 x 20.8 | Y   | A, B, C, D, E, F, G, H, I, K, L, M, N, Z |
| 2      | 35187048    | 180°  | F      | B    | 36.2 x 14.5 x 20.8 | Y   |                                          |
| 3      | 35187049    | 180°  | F      | C    | 36.2 x 14.5 x 20.8 | Y   |                                          |
| 4      | 35187050    | 180°  | F      | D    | 36.2 x 14.5 x 20.8 | Y   |                                          |
| 5      | 35187051    | 180°  | F      | E    | 36.2 x 14.5 x 20.8 | Y   |                                          |
| 6      | 35187052    | 180°  | F      | F    | 36.2 x 14.5 x 20.8 | Y   |                                          |
| 7      | 35187053    | 180°  | F      | G    | 36.2 x 14.5 x 20.8 | Y   |                                          |
| 8      | 35187054    | 180°  | F      | H    | 36.2 x 14.5 x 20.8 | Y   |                                          |
| 9      | 35187055    | 180°  | F      | I    | 36.2 x 14.5 x 20.8 | Y   |                                          |
| 10     | 35187056    | 180°  | F      | K    | 36.2 x 14.5 x 20.8 | Y   |                                          |
| 11     | 35187057    | 180°  | F      | L    | 36.2 x 14.5 x 20.8 | Y   |                                          |
| 12     | 35187058    | 180°  | F      | M    | 36.2 x 14.5 x 20.8 | Y   |                                          |
| 13     | 35187059    | 180°  | F      | N    | 36.2 x 14.5 x 20.8 | Y   |                                          |
| 14     | 35187060    | 180°  | F      | Z    | 36.2 x 14.5 x 20.8 | Y   |                                          |

Accessory Parts

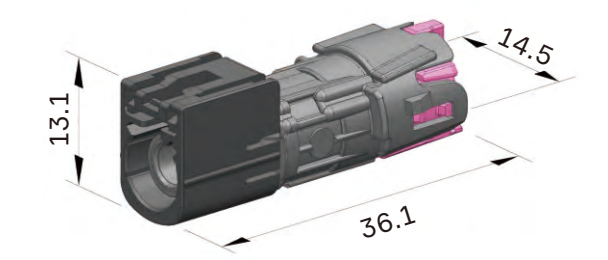
| Configuration      | Seal     | Inner conn ASSY | Retainer | 1port female housing |
|--------------------|----------|-----------------|----------|----------------------|
| Product Image      |          |                 |          |                      |
| Code A part number | 33359662 | 35107507        | 33358010 | 35188735             |

Compatible Terminals

| Part Number | 35226539 | 35226547 | 35226543 | 35259494 |
|-------------|----------|----------|----------|----------|
| Wire Type   | RG58LL   | RG174LL  | RTK031   | RTK044   |
| Plating     | Au       | Au       | Au       | Au       |



Fakra 1 Port 180° Sealed Female Connector (Short Body) without CPA and without Clip



Fakra 1 Port 180° sealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications             | DC Current | Cable Spec             | Specification | Frequency  |
|-----------------------|------------------|-----------|--------------------------|------------|------------------------|---------------|------------|
| -40°~105°             | Class 3 (Sealed) | V1        | FM/Camera/LVDS/GPS/T-BOX | 2A Max     | RG174LL,RTK031, RG58LL | SEA-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | CPA | Available Codes                          |
|--------|-------------|-------|--------|------|--------------------|-----|------------------------------------------|
| 1      | 35525428    | 180°  | F      | A    | 36.1 x 14.5 x 13.1 | N   | A, B, C, D, E, F, G, H, I, K, L, M, N, Z |
| 2      | 35525429    | 180°  | F      | B    | 36.1 x 14.5 x 13.1 | N   |                                          |
| 3      | 35525430    | 180°  | F      | C    | 36.1 x 14.5 x 13.1 | N   |                                          |
| 4      | 35525431    | 180°  | F      | D    | 36.1 x 14.5 x 13.1 | N   |                                          |
| 5      | 35525432    | 180°  | F      | E    | 36.1 x 14.5 x 13.1 | N   |                                          |
| 6      | 35525433    | 180°  | F      | F    | 36.1 x 14.5 x 13.1 | N   |                                          |
| 7      | 35525434    | 180°  | F      | G    | 36.1 x 14.5 x 13.1 | N   |                                          |
| 8      | 35525435    | 180°  | F      | H    | 36.1 x 14.5 x 13.1 | N   |                                          |
| 9      | 35525436    | 180°  | F      | I    | 36.1 x 14.5 x 13.1 | N   |                                          |
| 10     | 35525437    | 180°  | F      | K    | 36.1 x 14.5 x 13.1 | N   |                                          |
| 11     | 35525438    | 180°  | F      | L    | 36.1 x 14.5 x 13.1 | N   |                                          |
| 12     | 35525439    | 180°  | F      | M    | 36.1 x 14.5 x 13.1 | N   |                                          |
| 13     | 35525440    | 180°  | F      | N    | 36.1 x 14.5 x 13.1 | N   |                                          |
| 14     | 35525535    | 180°  | F      | Z    | 36.1 x 14.5 x 13.1 | N   |                                          |

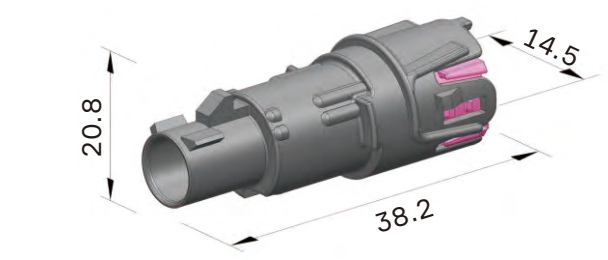
Accessory Parts

| Configuration      | Seal     | Inner conn ASSY | Retainer | 1port female housing |
|--------------------|----------|-----------------|----------|----------------------|
| Product Image      |          |                 |          |                      |
| Code A part number | 33359661 | 35107506        | 35398427 | 35524878             |

Compatible Terminals

| Part Number | 35226539 | 35226547 | 35226543 | 35259494 |
|-------------|----------|----------|----------|----------|
| Wire Type   | RG58LL   | RG174LL  | RTK031   | RTK044   |
| Plating     | Au       | Au       | Au       | Au       |

Fakra 1 Port 180° Sealed Male Connector without Clip



Fakra 1 Port 180° sealed assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications             | DC Current | Cable Spec             | Specification | Frequency  |
|-----------------------|------------------|-----------|--------------------------|------------|------------------------|---------------|------------|
| -40°~105°             | Class 3 (Sealed) | V1        | FM/Camera/LVDS/GPS/T-BOX | 2A Max     | RG174LL,RTK031, RG58LL | SEA-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | CPA | Available Codes                          |
|--------|-------------|-------|--------|------|--------------------|-----|------------------------------------------|
| 1      | 33355538    | 180°  | M      | A    | 38.2 x 14.5 x 20.8 | N   | A, B, C, D, E, F, G, H, I, K, L, M, N, Z |
| 2      | 33355539    | 180°  | M      | B    | 38.2 x 14.5 x 20.8 | N   |                                          |
| 3      | 33355540    | 180°  | M      | C    | 38.2 x 14.5 x 20.8 | N   |                                          |
| 4      | 33355541    | 180°  | M      | D    | 38.2 x 14.5 x 20.8 | N   |                                          |
| 5      | 33355542    | 180°  | M      | E    | 38.2 x 14.5 x 20.8 | N   |                                          |
| 6      | 33355543    | 180°  | M      | F    | 38.2 x 14.5 x 20.8 | N   |                                          |
| 7      | 33355544    | 180°  | M      | G    | 38.2 x 14.5 x 20.8 | N   |                                          |
| 8      | 33355545    | 180°  | M      | H    | 38.2 x 14.5 x 20.8 | N   |                                          |
| 9      | 33355546    | 180°  | M      | I    | 38.2 x 14.5 x 20.8 | N   |                                          |
| 10     | 33355547    | 180°  | M      | K    | 38.2 x 14.5 x 20.8 | N   |                                          |
| 11     | 33355548    | 180°  | M      | L    | 38.2 x 14.5 x 20.8 | N   |                                          |
| 12     | 33355549    | 180°  | M      | M    | 38.2 x 14.5 x 20.8 | N   |                                          |
| 13     | 33355550    | 180°  | M      | N    | 38.2 x 14.5 x 20.8 | N   |                                          |
| 14     | 33355551    | 180°  | M      | Z    | 38.2 x 14.5 x 20.8 | N   |                                          |

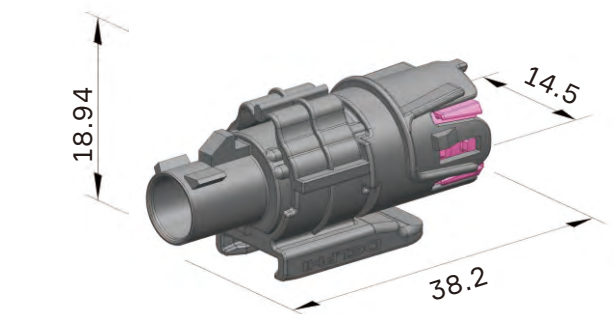
Accessory Parts

| Configuration      | Seal     | Inner conn ASSY | Retainer | 1port female housing |
|--------------------|----------|-----------------|----------|----------------------|
| Product Image      |          |                 |          |                      |
| Code A part number | 33359661 | 33358005        | 33358010 | 33358007             |

Compatible Terminals

| Part Number | 35013995 | 35013997 | 35013996 | 35259495 |
|-------------|----------|----------|----------|----------|
| Wire Type   | RG58LL   | RG174LL  | RTK031   | RTK044   |
| Plating     | Au       | Au       | Au       | Au       |

Fakra 1 Port 180° Sealed Male Connector with Clip



Fakra 1 Port 180° sealed assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications             | DC Current | Cable Spec             | Specification | Frequency  |
|-----------------------|------------------|-----------|--------------------------|------------|------------------------|---------------|------------|
| -40°~105°             | Class 3 (Sealed) | V1        | FM/Camera/LVDS/GPS/T-BOX | 2A Max     | RG174LL,RTK031, RG58LL | SEA-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions          | CPA | Available Codes                          |
|--------|-------------|-------|--------|------|---------------------|-----|------------------------------------------|
| 1      | 33338239    | 180°  | M      | A    | 38.2 x 14.5 x 18.94 | N   | A, B, C, D, E, F, G, H, I, K, L, M, N, Z |
| 2      | 33338240    | 180°  | M      | B    | 38.2 x 14.5 x 18.94 | N   |                                          |
| 3      | 33338241    | 180°  | M      | C    | 38.2 x 14.5 x 18.94 | N   |                                          |
| 4      | 33338242    | 180°  | M      | D    | 38.2 x 14.5 x 18.94 | N   |                                          |
| 5      | 33338244    | 180°  | M      | E    | 38.2 x 14.5 x 18.94 | N   |                                          |
| 6      | 33338245    | 180°  | M      | F    | 38.2 x 14.5 x 18.94 | N   |                                          |
| 7      | 33338246    | 180°  | M      | G    | 38.2 x 14.5 x 18.94 | N   |                                          |
| 8      | 33338247    | 180°  | M      | H    | 38.2 x 14.5 x 18.94 | N   |                                          |
| 9      | 33338248    | 180°  | M      | I    | 38.2 x 14.5 x 18.94 | N   |                                          |
| 10     | 33338249    | 180°  | M      | K    | 38.2 x 14.5 x 18.94 | N   |                                          |
| 11     | 33338250    | 180°  | M      | L    | 38.2 x 14.5 x 18.94 | N   |                                          |
| 12     | 33338251    | 180°  | M      | M    | 38.2 x 14.5 x 18.94 | N   |                                          |
| 13     | 33338252    | 180°  | M      | N    | 38.2 x 14.5 x 18.94 | N   |                                          |
| 14     | 33338253    | 180°  | M      | Z    | 38.2 x 14.5 x 18.94 | N   |                                          |

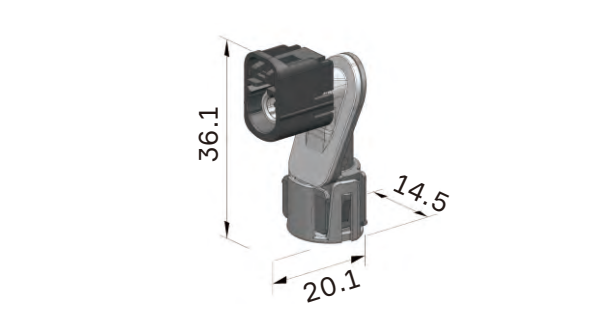
Accessory Parts

| Configuration      | Seal     | Clip     | Lock     | Retainer | 1port female housing |
|--------------------|----------|----------|----------|----------|----------------------|
| Product Image      |          |          |          |          |                      |
| Code A part number | 33359661 | 33358009 | 33358005 | 33358010 | 33358007             |

Compatible Terminals

| Part Number | 35013995 | 35013997 | 35013996 | 35259495 |
|-------------|----------|----------|----------|----------|
| Wire Type   | RG58LL   | RG174LL  | RTK031   | RTK044   |
| Plating     | Au       | Au       | Au       | Au       |

Fakra 1 Port 90° Sealed Female Connector without CPA and without Clip



Fakra 1 Port 90° sealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications             | DC Current | Cable Spec             | Specification | Frequency  |
|-----------------------|------------------|-----------|--------------------------|------------|------------------------|---------------|------------|
| -40°~105°             | Class 3 (Sealed) | V1        | FM/Camera/LVDS/GPS/T-BOX | 2A Max     | RG174LL,RTK031, RG58LL | SEA-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | CPA | Available Codes                          |
|--------|-------------|-------|--------|------|--------------------|-----|------------------------------------------|
| 1      | 35417479    | 90°   | F      | A    | 20.1 x 14.5 x 36.1 | N   | A, B, C, D, E, F, G, H, I, K, L, M, N, Z |
| 2      | 35417481    | 90°   | F      | B    | 20.1 x 14.5 x 36.1 | N   |                                          |
| 3      | 35417483    | 90°   | F      | C    | 20.1 x 14.5 x 36.1 | N   |                                          |
| 4      | 35417485    | 90°   | F      | D    | 20.1 x 14.5 x 36.1 | N   |                                          |
| 5      | 35417486    | 90°   | F      | E    | 20.1 x 14.5 x 36.1 | N   |                                          |
| 6      | 35417487    | 90°   | F      | F    | 20.1 x 14.5 x 36.1 | N   |                                          |
| 7      | 35417488    | 90°   | F      | G    | 20.1 x 14.5 x 36.1 | N   |                                          |
| 8      | 35417491    | 90°   | F      | H    | 20.1 x 14.5 x 36.1 | N   |                                          |
| 9      | 35417492    | 90°   | F      | I    | 20.1 x 14.5 x 36.1 | N   |                                          |
| 10     | 35417493    | 90°   | F      | K    | 20.1 x 14.5 x 36.1 | N   |                                          |
| 11     | 35417494    | 90°   | F      | L    | 20.1 x 14.5 x 36.1 | N   |                                          |
| 12     | 35417495    | 90°   | F      | M    | 20.1 x 14.5 x 36.1 | N   |                                          |
| 13     | 35417496    | 90°   | F      | N    | 20.1 x 14.5 x 36.1 | N   |                                          |
| 14     | 35417497    | 90°   | F      | Z    | 20.1 x 14.5 x 36.1 | N   |                                          |

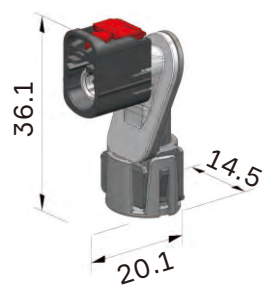
Accessory Parts

| Configuration      | Seal     | Up-Housing Assy | Lower-Housing Assy | COV Housing |
|--------------------|----------|-----------------|--------------------|-------------|
| Product Image      |          |                 |                    |             |
| Code A part number | 33359661 | 35417499        | 35262329           | 33333682    |

Compatible Terminals

| Part Number | 35229787 | 35229792 | 35227923 |
|-------------|----------|----------|----------|
| Wire Type   | RG58LL   | RG174LL  | RTK031   |
| Plating     | Au       | Au       | Au       |

Fakra 1 Port 90° Sealed Female Connector with CPA and without Clip



Fakra 1 Port 90° sealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications             | DC Current | Cable Spec             | Specification | Frequency  |
|-----------------------|------------------|-----------|--------------------------|------------|------------------------|---------------|------------|
| -40°~105°             | Class 3 (Sealed) | V1        | FM/Camera/LVDS/GPS/T-BOX | 2A Max     | RG174LL,RTK031, RG58LL | SEA-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | CPA | Available Codes                          |
|--------|-------------|-------|--------|------|--------------------|-----|------------------------------------------|
| 1      | 35339728    | 90°   | F      | A    | 36.1 x 20.1 x 14.5 | Y   | A, B, C, D, E, F, G, H, I, K, L, M, N, Z |
| 2      | 35339729    | 90°   | F      | B    | 36.1 x 20.1 x 14.5 | Y   |                                          |
| 3      | 35339730    | 90°   | F      | C    | 36.1 x 20.1 x 14.5 | Y   |                                          |
| 4      | 35339731    | 90°   | F      | D    | 36.1 x 20.1 x 14.5 | Y   |                                          |
| 5      | 35339732    | 90°   | F      | E    | 36.1 x 20.1 x 14.5 | Y   |                                          |
| 6      | 35339733    | 90°   | F      | F    | 36.1 x 20.1 x 14.5 | Y   |                                          |
| 7      | 35339734    | 90°   | F      | G    | 36.1 x 20.1 x 14.5 | Y   |                                          |
| 8      | 35339735    | 90°   | F      | H    | 36.1 x 20.1 x 14.5 | Y   |                                          |
| 9      | 35339736    | 90°   | F      | I    | 36.1 x 20.1 x 14.5 | Y   |                                          |
| 10     | 35339737    | 90°   | F      | K    | 36.1 x 20.1 x 14.5 | Y   |                                          |
| 11     | 35339738    | 90°   | F      | L    | 36.1 x 20.1 x 14.5 | Y   |                                          |
| 12     | 35339739    | 90°   | F      | M    | 36.1 x 20.1 x 14.5 | Y   |                                          |
| 13     | 35339740    | 90°   | F      | N    | 36.1 x 20.1 x 14.5 | Y   |                                          |
| 14     | 35339741    | 90°   | F      | Z    | 36.1 x 20.1 x 14.5 | Y   |                                          |

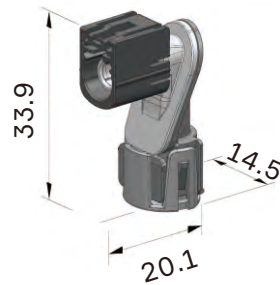
Accessory Parts

| Configuration      | Retainer | Up-Housing Assy | Lower-Housing Assy | COV Housing |
|--------------------|----------|-----------------|--------------------|-------------|
| Product Image      |          |                 |                    |             |
| Code A part number | 33358010 | 35417499        | 35262329           | 35188735    |

Compatible Terminals

| Part Number | 35229787 | 35229792 | 35227923 |
|-------------|----------|----------|----------|
| Wire Type   | RG58LL   | RG174LL  | RTK031   |
| Plating     | Au       | Au       | Au       |

Fakra 1 Port 90° Sealed Female Connector (Short Body) without CPA and without Clip



Fakra 1 Port 90° sealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications             | DC Current | Cable Spec             | Specification | Frequency  |
|-----------------------|------------------|-----------|--------------------------|------------|------------------------|---------------|------------|
| -40°~105°             | Class 3 (Sealed) | V1        | FM/Camera/LVDS/GPS/T-BOX | 2A Max     | RG174LL,RTK031, RG58LL | SEA-USCAR-17  | DC to 6GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | CPA | Available Codes                          |
|--------|-------------|-------|--------|------|--------------------|-----|------------------------------------------|
| 1      | 35558129    | 90°   | F      | A    | 20.1 x 14.5 x 33.9 | N   | A, B, C, D, E, F, G, H, I, K, L, M, N, Z |
| 2      | 35558130    | 90°   | F      | B    | 20.1 x 14.5 x 33.9 | N   |                                          |
| 3      | 35558131    | 90°   | F      | C    | 20.1 x 14.5 x 33.9 | N   |                                          |
| 4      | 35558132    | 90°   | F      | D    | 20.1 x 14.5 x 33.9 | N   |                                          |
| 5      | 35558248    | 90°   | F      | E    | 20.1 x 14.5 x 33.9 | N   |                                          |
| 6      | 35558249    | 90°   | F      | F    | 20.1 x 14.5 x 33.9 | N   |                                          |
| 7      | 35558250    | 90°   | F      | G    | 20.1 x 14.5 x 33.9 | N   |                                          |
| 8      | 35558251    | 90°   | F      | H    | 20.1 x 14.5 x 33.9 | N   |                                          |
| 9      | 35558253    | 90°   | F      | I    | 20.1 x 14.5 x 33.9 | N   |                                          |
| 10     | 35558254    | 90°   | F      | K    | 20.1 x 14.5 x 33.9 | N   |                                          |
| 11     | 35558255    | 90°   | F      | L    | 20.1 x 14.5 x 33.9 | N   |                                          |
| 12     | 35558256    | 90°   | F      | M    | 20.1 x 14.5 x 33.9 | N   |                                          |
| 13     | 35558257    | 90°   | F      | N    | 20.1 x 14.5 x 33.9 | N   |                                          |
| 14     | 35558258    | 90°   | F      | Z    | 20.1 x 14.5 x 33.9 | N   |                                          |

Accessory Parts

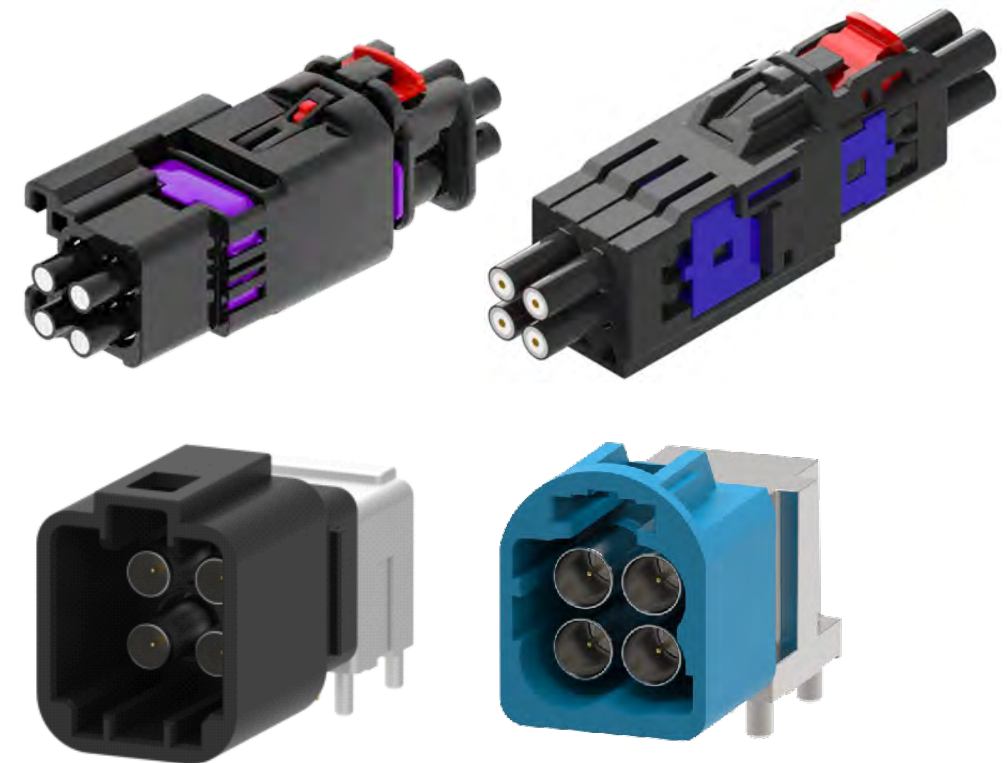
| Configuration      | Retainer | Up-Housing Assy | Lower-Housing Assy | COV Housing |
|--------------------|----------|-----------------|--------------------|-------------|
| Product Image      |          |                 |                    |             |
| Code A part number | 33358010 | 35417499        | 35262329           | 35524878    |

Compatible Terminals

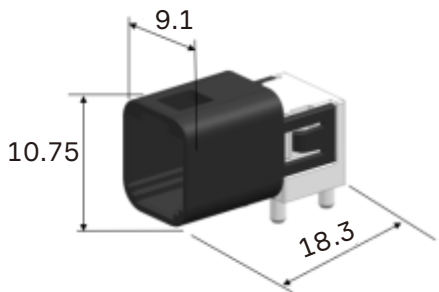
| Part Number | 35229787 | 35229792 | 35227923 |
|-------------|----------|----------|----------|
| Wire Type   | RG58LL   | RG174LL  | RTK031   |
| Plating     | Au       | Au       | Au       |

## Mini Coax Connector

Mini coax connectors cavity and interface compatible with industry standards, supporting higher data rates as next generation of high speed fakra.



MCA-A 1 Port Unsealed 90° Header



MCA-A 1P unsealed 90° header

Product Features

- Small dimensions to save installation space
- Cost effective stamped terminal
- Integrated proposal on die-cast parts and tubes
- Highest mechanical robustness
- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies

Technical Characteristics

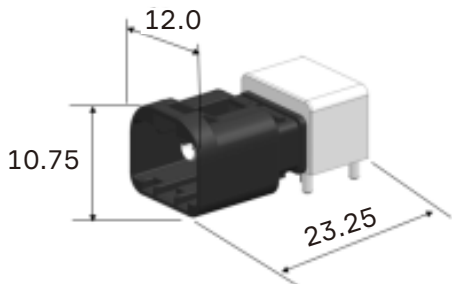
| Operating Temperature | Sealing            | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1A max     | SAE-USCAR-49  | DC to 9GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Plating | Dimensions(mm)     | Available Codes     |
|--------|-------------|-------|--------|------|---------|--------------------|---------------------|
| 1      | 35876849    | 90°   | M      | A    | Au      | 18.3 x 9.1 x 10.75 | A, B, C, D, E, F, Z |
| 2      | 35876850    | 90°   | M      | B    | Au      | 18.3 x 9.1 x 10.75 |                     |
| 3      | 35876851    | 90°   | M      | C    | Au      | 18.3 x 9.1 x 10.75 |                     |
| 4      | 35876852    | 90°   | M      | D    | Au      | 18.3 x 9.1 x 10.75 |                     |
| 5      | 35876853    | 90°   | M      | E    | Au      | 18.3 x 9.1 x 10.75 |                     |
| 6      | 35876854    | 90°   | M      | F    | Au      | 18.3 x 9.1 x 10.75 |                     |
| 7      | 35876855    | 90°   | M      | Z    | Au      | 18.3 x 9.1 x 10.75 |                     |

| Number | Part Number | Angle | Gender | Code | Plating | Dimensions(mm)     | Available Codes     |
|--------|-------------|-------|--------|------|---------|--------------------|---------------------|
| 1      | 35876856    | 90°   | M      | A    | Ag      | 18.3 x 9.1 x 10.75 | A, B, C, D, E, F, Z |
| 2      | 35876857    | 90°   | M      | B    | Ag      | 18.3 x 9.1 x 10.75 |                     |
| 3      | 35876858    | 90°   | M      | C    | Ag      | 18.3 x 9.1 x 10.75 |                     |
| 4      | 35876859    | 90°   | M      | D    | Ag      | 18.3 x 9.1 x 10.75 |                     |
| 5      | 35876860    | 90°   | M      | E    | Ag      | 18.3 x 9.1 x 10.75 |                     |
| 6      | 35876861    | 90°   | M      | F    | Ag      | 18.3 x 9.1 x 10.75 |                     |
| 7      | 35876862    | 90°   | M      | Z    | Ag      | 18.3 x 9.1 x 10.75 |                     |

MCA-A 2 Port Unsealed 90° Header



MCA-A 2P unsealed 90° header

Product Features

- Small dimensions to save installation space
- Cost effective stamped terminal
- Integrated proposal on die-cast parts and tubes
- Highest mechanical robustness
- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1A max     | SAE-USCAR-49  | DC to 9GHz |

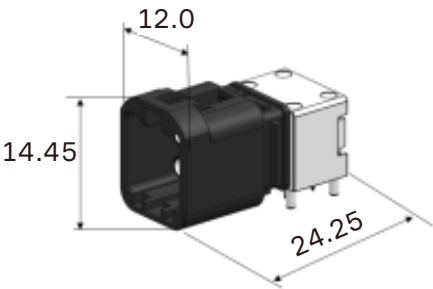
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Plating | Dimensions(mm)       | Available Codes     |
|--------|-------------|-------|--------|------|---------|----------------------|---------------------|
| 1      | 35876879    | 90°   | M      | A    | Au      | 23.25 x 12.0 x 10.75 | A, B, C, D, E, F, Z |
| 2      | 35876880    | 90°   | M      | B    | Au      | 23.25 x 12.0 x 10.75 |                     |
| 3      | 35876881    | 90°   | M      | C    | Au      | 23.25 x 12.0 x 10.75 |                     |
| 4      | 35876882    | 90°   | M      | D    | Au      | 23.25 x 12.0 x 10.75 |                     |
| 5      | 35876883    | 90°   | M      | E    | Au      | 23.25 x 12.0 x 10.75 |                     |
| 6      | 35876884    | 90°   | M      | F    | Au      | 23.25 x 12.0 x 10.75 |                     |
| 7      | 35876885    | 90°   | M      | Z    | Au      | 23.25 x 12.0 x 10.75 |                     |

| Number | Part Number | Angle | Gender | Code | Plating | Dimensions(mm)       | Available Codes     |
|--------|-------------|-------|--------|------|---------|----------------------|---------------------|
| 1      | 35876886    | 90°   | M      | A    | Ag      | 23.25 x 12.0 x 10.75 | A, B, C, D, E, F, Z |
| 2      | 35876887    | 90°   | M      | B    | Ag      | 23.25 x 12.0 x 10.75 |                     |
| 3      | 35876888    | 90°   | M      | C    | Ag      | 23.25 x 12.0 x 10.75 |                     |
| 4      | 35876889    | 90°   | M      | D    | Ag      | 23.25 x 12.0 x 10.75 |                     |
| 5      | 35876890    | 90°   | M      | E    | Ag      | 23.25 x 12.0 x 10.75 |                     |
| 6      | 35876891    | 90°   | M      | F    | Ag      | 23.25 x 12.0 x 10.75 |                     |
| 7      | 35876892    | 90°   | M      | Z    | Ag      | 23.25 x 12.0 x 10.75 |                     |



MCA-A 4 Port Unsealed 90° Header



MCA-A 4P unsealed 90° header

Product Features

- Small dimensions to save installation space
- Cost effective stamped terminal
- Integrated proposal on die-cast parts and tubes
- Highest mechanical robustness
- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies

Technical Characteristics

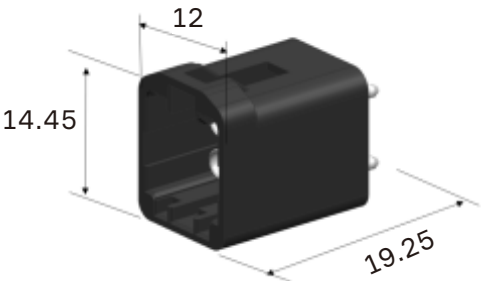
| Operating Temperature | Sealing            | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1A max     | SAE-USCAR-49  | DC to 9GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Plating | Dimensions(mm)       | Available Codes     |
|--------|-------------|-------|--------|------|---------|----------------------|---------------------|
| 1      | 35830998    | 90°   | M      | A    | Au      | 24.25 x 12.0 x 14.45 | A, B, C, D, E, F, Z |
| 2      | 35830999    | 90°   | M      | B    | Au      | 24.25 x 12.0 x 14.45 |                     |
| 3      | 35831000    | 90°   | M      | C    | Au      | 24.25 x 12.0 x 14.45 |                     |
| 4      | 35831001    | 90°   | M      | D    | Au      | 24.25 x 12.0 x 14.45 |                     |
| 5      | 35831002    | 90°   | M      | E    | Au      | 24.25 x 12.0 x 14.45 |                     |
| 6      | 35831003    | 90°   | M      | F    | Au      | 24.25 x 12.0 x 14.45 |                     |
| 7      | 35831010    | 90°   | M      | Z    | Au      | 24.25 x 12.0 x 14.45 |                     |

| Number | Part Number | Angle | Gender | Code | Plating | Dimensions(mm)       | Available Codes     |
|--------|-------------|-------|--------|------|---------|----------------------|---------------------|
| 1      | 35839349    | 90°   | M      | A    | Ag      | 24.25 x 12.0 x 14.45 | A, B, C, D, E, F, Z |
| 2      | 35839350    | 90°   | M      | B    | Ag      | 24.25 x 12.0 x 14.45 |                     |
| 3      | 35839351    | 90°   | M      | C    | Ag      | 24.25 x 12.0 x 14.45 |                     |
| 4      | 35839352    | 90°   | M      | D    | Ag      | 24.25 x 12.0 x 14.45 |                     |
| 5      | 35839353    | 90°   | M      | E    | Ag      | 24.25 x 12.0 x 14.45 |                     |
| 6      | 35839354    | 90°   | M      | F    | Ag      | 24.25 x 12.0 x 14.45 |                     |
| 7      | 35839355    | 90°   | M      | Z    | Ag      | 24.25 x 12.0 x 14.45 |                     |

MCA-A 4 Port Unsealed 180° Header  
pitch 6.8\*6.8



MCA-A 4P unsealed 180° header

Product Features

- Small dimensions to save installation space
- Cost effective stamped terminal
- Integrated proposal on die-cast parts and tubes
- Highest mechanical robustness
- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies

Technical Characteristics

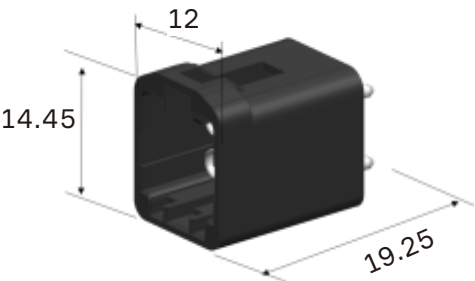
| Operating Temperature | Sealing            | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1A max     | SAE-USCAR-49  | DC to 9GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Plating | Dimensions(mm)     | Available Codes     |
|--------|-------------|-------|--------|------|---------|--------------------|---------------------|
| 1      | 35894291    | 180°  | M      | A    | Au      | 19.25 x 12 x 14.45 | A, B, C, D, E, F, Z |
| 2      | 35894292    | 180°  | M      | B    | Au      | 19.25 x 12 x 14.45 |                     |
| 3      | 35894293    | 180°  | M      | C    | Au      | 19.25 x 12 x 14.45 |                     |
| 4      | 35894294    | 180°  | M      | D    | Au      | 19.25 x 12 x 14.45 |                     |
| 5      | 35894295    | 180°  | M      | E    | Au      | 19.25 x 12 x 14.45 |                     |
| 6      | 35894297    | 180°  | M      | F    | Au      | 19.25 x 12 x 14.45 |                     |
| 7      | 35894298    | 180°  | M      | Z    | Au      | 19.25 x 12 x 14.45 |                     |

| Number | Part Number | Angle | Gender | Code | Plating | Dimensions(mm)     | Available Codes     |
|--------|-------------|-------|--------|------|---------|--------------------|---------------------|
| 1      | 35894299    | 180°  | M      | A    | Ag      | 19.25 x 12 x 14.45 | A, B, C, D, E, F, Z |
| 2      | 35894300    | 180°  | M      | B    | Ag      | 19.25 x 12 x 14.45 |                     |
| 3      | 35894301    | 180°  | M      | C    | Ag      | 19.25 x 12 x 14.45 |                     |
| 4      | 35894307    | 180°  | M      | D    | Ag      | 19.25 x 12 x 14.45 |                     |
| 5      | 35894308    | 180°  | M      | E    | Ag      | 19.25 x 12 x 14.45 |                     |
| 6      | 35894309    | 180°  | M      | F    | Ag      | 19.25 x 12 x 14.45 |                     |
| 7      | 35894310    | 180°  | M      | Z    | Ag      | 19.25 x 12 x 14.45 |                     |

MCA-A 4 Port Unsealed 180° Header  
pitch 8.7\*6.4



MCA-A 4P unsealed 180° header

Product Features

- Small dimensions to save installation space
- Cost effective stamped terminal
- Integrated proposal on die-cast parts and tubes
- Highest mechanical robustness
- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies

Technical Characteristics

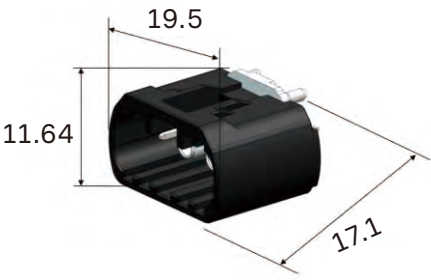
| Operating Temperature | Sealing            | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1A max     | SAE-USCAR-49  | DC to 9GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Plating | Dimensions(mm)     | Available Codes     |
|--------|-------------|-------|--------|------|---------|--------------------|---------------------|
| 1      | 35578548    | 180°  | M      | A    | Au      | 19.25 x 12 x 14.45 | A, B, C, D, E, F, Z |
| 2      | 35578562    | 180°  | M      | B    | Au      | 19.25 x 12 x 14.45 |                     |
| 3      | 35578564    | 180°  | M      | C    | Au      | 19.25 x 12 x 14.45 |                     |
| 4      | 35578565    | 180°  | M      | D    | Au      | 19.25 x 12 x 14.45 |                     |
| 5      | 35578573    | 180°  | M      | E    | Au      | 19.25 x 12 x 14.45 |                     |
| 6      | 35578575    | 180°  | M      | F    | Au      | 19.25 x 12 x 14.45 |                     |
| 7      | 35578578    | 180°  | M      | Z    | Au      | 19.25 x 12 x 14.45 |                     |

| Number | Part Number | Angle | Gender | Code | Plating | Dimensions(mm)     | Available Codes     |
|--------|-------------|-------|--------|------|---------|--------------------|---------------------|
| 1      | 35891593    | 180°  | M      | A    | Ag      | 19.25 x 12 x 14.45 | A, B, C, D, E, F, Z |
| 2      | 35891594    | 180°  | M      | B    | Ag      | 19.25 x 12 x 14.45 |                     |
| 3      | 35891595    | 180°  | M      | C    | Ag      | 19.25 x 12 x 14.45 |                     |
| 4      | 35891596    | 180°  | M      | D    | Ag      | 19.25 x 12 x 14.45 |                     |
| 5      | 35891597    | 180°  | M      | E    | Ag      | 19.25 x 12 x 14.45 |                     |
| 6      | 35895201    | 180°  | M      | F    | Ag      | 19.25 x 12 x 14.45 |                     |
| 7      | 35895202    | 180°  | M      | Z    | Ag      | 19.25 x 12 x 14.45 |                     |

MCA-A 2+4 Unsealed 180° Header



Mini Fakra 2+4 unsealed 180° header

Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies
- PCB connectors SMD Pin-in-Paste soldering types
- Highest mechanical robustness

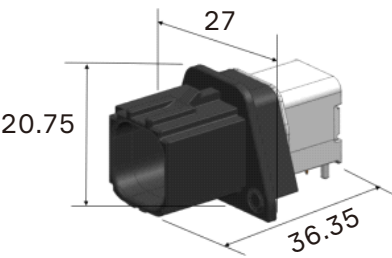
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1A max     | SAE-USCAR-49  | DC to 9GHz |

Main Part Numbers

| Number | Part Number (Power pin with Tin plating) | Part Number (Power pin with Gold plating) | Angle | Gender | Code | Dimensions          | Available Codes |
|--------|------------------------------------------|-------------------------------------------|-------|--------|------|---------------------|-----------------|
| 1      | 35794426                                 | 35766218                                  | 180°  | M      | A    | 17.1 x 19.5 x 11.64 | A, Z            |
| 2      | 35759796                                 | 35766227                                  | 180°  | M      | Z    | 17.1 x 19.5 x 11.64 |                 |

MCA-A 4 Port Sealed 90° Header



MCA-A 4P sealed 90° header

Product Features

- Small dimensions to saving installation space
- Cost effective stamped terminal
- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies
- Highest mechanical robustness

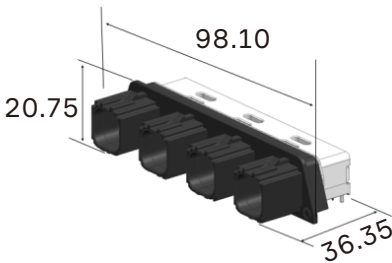
Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 3 (Sealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1A max     | SAE-USCAR-49  | DC to 9GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Plating | Dimensions(mm)     | Available Codes |
|--------|-------------|-------|--------|------|---------|--------------------|-----------------|
| 1      | 35677441    | 90°   | M      | A    | Au      | 36.35 x 27 x 20.75 | A,              |
| 2      | 35677442    | 90°   | M      | B    | Au      | 36.35 x 27 x 20.75 |                 |
| 3      | 35677444    | 90°   | M      | C    | Au      | 36.35 x 27 x 20.75 |                 |
| 4      | 35677445    | 90°   | M      | D    | Au      | 36.35 x 27 x 20.75 |                 |
| 5      | 35677448    | 90°   | M      | E    | Au      | 36.35 x 27 x 20.75 |                 |
| 6      | 35677449    | 90°   | M      | F    | Au      | 36.35 x 27 x 20.75 |                 |
| 7      | 35677450    | 90°   | M      | G    | Au      | 36.35 x 27 x 20.75 |                 |
| 8      | 35677451    | 90°   | M      | H    | Au      | 36.35 x 27 x 20.75 |                 |

MCA-A 4\*4 Port Sealed 90° Header



MCA-A 4\*4P sealed 90° header

Product Features

- Small dimensions to save installation space
- Cost effective stamped terminal
- Integrated proposal on die-cast parts and tubes
- Highest mechanical robustness
- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies

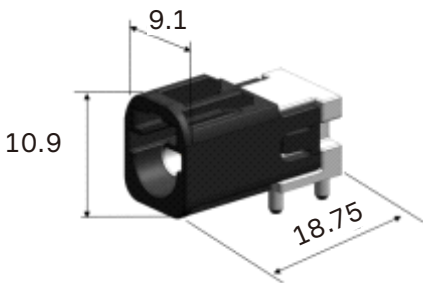
Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 3 (sealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1A max     | SAE-USCAR-49  | DC to 9GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code    | Dimensions(mm)        | Available Codes |
|--------|-------------|-------|--------|---------|-----------------------|-----------------|
| 1      | 35670114    | 90°   | M      | A-B-C-D | 36.35 x 98.10 x 20.75 | A, B, C, D      |

MCA-B 1 Port Unsealed 90° Header



MCA-B 1P unsealed 90° header

Product Features

- Small dimensions to save installation space
- Cost effective stamped terminal
- Integrated proposal on die-cast parts and tubes
- Highest mechanical robustness
- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies

Technical Characteristics

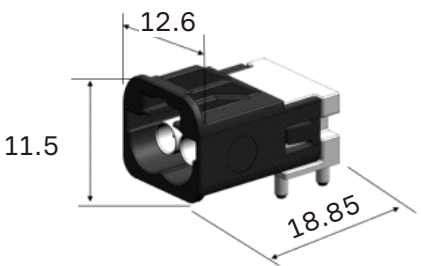
| Operating Temperature | Sealing            | Vibration | Applications                      | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|-----------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box&ADAS | 1A max     | SAE-USCAR-49  | DC to 9GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Plating | Dimensions(mm)     | Available Codes     |
|--------|-------------|-------|--------|------|---------|--------------------|---------------------|
| 1      | 35875578    | 90°   | M      | A    | Au      | 18.75 x 9.1 x 10.9 | A, B, C, D, E, F, Z |
| 2      | 35875579    | 90°   | M      | B    | Au      | 18.75 x 9.1 x 10.9 |                     |
| 3      | 35875580    | 90°   | M      | C    | Au      | 18.75 x 9.1 x 10.9 |                     |
| 4      | 35875581    | 90°   | M      | D    | Au      | 18.75 x 9.1 x 10.9 |                     |
| 5      | 35875582    | 90°   | M      | E    | Au      | 18.75 x 9.1 x 10.9 |                     |
| 6      | 35875583    | 90°   | M      | F    | Au      | 18.75 x 9.1 x 10.9 |                     |
| 7      | 35875584    | 90°   | M      | G    | Au      | 18.75 x 9.1 x 10.9 |                     |
| 8      | 35875585    | 90°   | M      | H    | Au      | 18.75 x 9.1 x 10.9 |                     |
| 9      | 35875586    | 90°   | M      | J    | Au      | 18.75 x 9.1 x 10.9 |                     |
| 10     | 35875587    | 90°   | M      | K    | Au      | 18.75 x 9.1 x 10.9 |                     |
| 11     | 35875588    | 90°   | M      | N    | Au      | 18.75 x 9.1 x 10.9 |                     |
| 12     | 35875589    | 90°   | M      | Z    | Au      | 18.75 x 9.1 x 10.9 |                     |

| Number | Part Number | Angle | Gender | Code | Plating | Dimensions         | Available Codes     |
|--------|-------------|-------|--------|------|---------|--------------------|---------------------|
| 1      | 35875590    | 90°   | M      | A    | Ag      | 18.75 x 9.1 x 10.9 | A, B, C, D, E, F, Z |
| 2      | 35875591    | 90°   | M      | B    | Ag      | 18.75 x 9.1 x 10.9 |                     |
| 3      | 35875592    | 90°   | M      | C    | Ag      | 18.75 x 9.1 x 10.9 |                     |
| 4      | 35875593    | 90°   | M      | D    | Ag      | 18.75 x 9.1 x 10.9 |                     |
| 5      | 35875594    | 90°   | M      | E    | Ag      | 18.75 x 9.1 x 10.9 |                     |
| 6      | 35875595    | 90°   | M      | F    | Ag      | 18.75 x 9.1 x 10.9 |                     |
| 7      | 35875596    | 90°   | M      | G    | Ag      | 18.75 x 9.1 x 10.9 |                     |
| 8      | 35875597    | 90°   | M      | H    | Ag      | 18.75 x 9.1 x 10.9 |                     |
| 9      | 35875598    | 90°   | M      | J    | Ag      | 18.75 x 9.1 x 10.9 |                     |
| 10     | 35875599    | 90°   | M      | K    | Ag      | 18.75 x 9.1 x 10.9 |                     |
| 11     | 35875600    | 90°   | M      | N    | Ag      | 18.75 x 9.1 x 10.9 |                     |
| 12     | 35875601    | 90°   | M      | Z    | Ag      | 18.75 x 9.1 x 10.9 |                     |

MCA-B 2 Port Unsealed 90° Header



MCA-B 2P unsealed 90° header

Product Features

- Small dimensions to save installation space
- Cost effective stamped terminal
- Integrated proposal on die-cast parts and tubes
- Highest mechanical robustness
- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies

Technical Characteristics

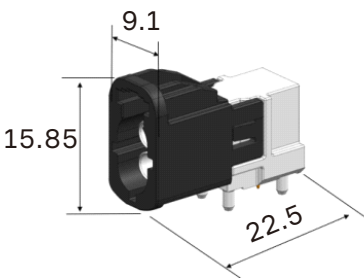
| Operating Temperature | Sealing            | Vibration | Applications                      | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|-----------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box&ADAS | 1A max     | SAE-USCAR-49  | DC to 9GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Plating | Dimensions(mm)      | Available Codes     |
|--------|-------------|-------|--------|------|---------|---------------------|---------------------|
| 1      | 35875617    | 90°   | M      | A    | Au      | 18.85 x 12.6 x 11.5 | A, B, C, D, E, F, Z |
| 2      | 35875618    | 90°   | M      | B    | Au      | 18.85 x 12.6 x 11.5 |                     |
| 3      | 35875619    | 90°   | M      | C    | Au      | 18.85 x 12.6 x 11.5 |                     |
| 4      | 35875620    | 90°   | M      | D    | Au      | 18.85 x 12.6 x 11.5 |                     |
| 5      | 35875621    | 90°   | M      | E    | Au      | 18.85 x 12.6 x 11.5 |                     |
| 6      | 35875622    | 90°   | M      | F    | Au      | 18.85 x 12.6 x 11.5 |                     |
| 7      | 35875623    | 90°   | M      | G    | Au      | 18.85 x 12.6 x 11.5 |                     |
| 8      | 35875624    | 90°   | M      | H    | Au      | 18.85 x 12.6 x 11.5 |                     |
| 9      | 35875625    | 90°   | M      | J    | Au      | 18.85 x 12.6 x 11.5 |                     |
| 10     | 35875626    | 90°   | M      | K    | Au      | 18.85 x 12.6 x 11.5 |                     |
| 11     | 35875627    | 90°   | M      | N    | Au      | 18.85 x 12.6 x 11.5 |                     |
| 12     | 35875628    | 90°   | M      | Z    | Au      | 18.85 x 12.6 x 11.5 |                     |

| Number | Part Number | Angle | Gender | Code | Plating | Dimensions          | Available Codes     |
|--------|-------------|-------|--------|------|---------|---------------------|---------------------|
| 1      | 35875629    | 90°   | M      | A    | Ag      | 18.85 x 12.6 x 11.5 | A, B, C, D, E, F, Z |
| 2      | 35875630    | 90°   | M      | B    | Ag      | 18.85 x 12.6 x 11.5 |                     |
| 3      | 35875631    | 90°   | M      | C    | Ag      | 18.85 x 12.6 x 11.5 |                     |
| 4      | 35875632    | 90°   | M      | D    | Ag      | 18.85 x 12.6 x 11.5 |                     |
| 5      | 35875633    | 90°   | M      | E    | Ag      | 18.85 x 12.6 x 11.5 |                     |
| 6      | 35875634    | 90°   | M      | F    | Ag      | 18.85 x 12.6 x 11.5 |                     |
| 7      | 35875635    | 90°   | M      | G    | Ag      | 18.85 x 12.6 x 11.5 |                     |
| 8      | 35875636    | 90°   | M      | H    | Ag      | 18.85 x 12.6 x 11.5 |                     |
| 9      | 35875637    | 90°   | M      | J    | Ag      | 18.85 x 12.6 x 11.5 |                     |
| 10     | 35875638    | 90°   | M      | K    | Ag      | 18.85 x 12.6 x 11.5 |                     |
| 11     | 35875639    | 90°   | M      | N    | Ag      | 18.85 x 12.6 x 11.5 |                     |
| 12     | 35875640    | 90°   | M      | Z    | Ag      | 18.85 x 12.6 x 11.5 |                     |

MCA-B 2 Port Unsealed 90° Vertical Header



MCA-B 2P unsealed 90° vertical header

Product Features

- Small dimensions to save installation space
- Cost effective stamped terminal
- Integrated proposal on die-cast parts and tubes
- Highest mechanical robustness
- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies

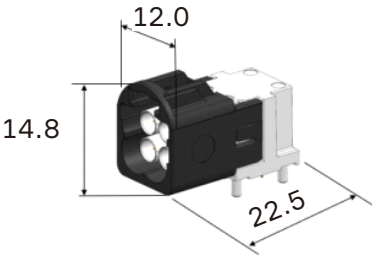
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1A max     | SAE-USCAR-49  | DC to 9GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Plating | Dimensions(mm)     | Available Codes     |
|--------|-------------|-------|--------|------|---------|--------------------|---------------------|
| 1      | 35879699    | 90°   | M      | A    | Au      | 22.5 x 9.1 x 15.85 | A, B, C, D, E, F, Z |
| 2      | 35879700    | 90°   | M      | B    | Au      | 22.5 x 9.1 x 15.85 |                     |
| 3      | 35879701    | 90°   | M      | C    | Au      | 22.5 x 9.1 x 15.85 |                     |
| 4      | 35879702    | 90°   | M      | D    | Au      | 22.5 x 9.1 x 15.85 |                     |
| 5      | 35879703    | 90°   | M      | E    | Au      | 22.5 x 9.1 x 15.85 |                     |
| 6      | 35879704    | 90°   | M      | F    | Au      | 22.5 x 9.1 x 15.85 |                     |
| 7      | 35879705    | 90°   | M      | Z    | Au      | 22.5 x 9.1 x 15.85 |                     |
| Number | Part Number | Angle | Gender | Code | Plating | Dimensions(mm)     | Available Codes     |
| 1      | 35879706    | 90°   | M      | A    | Ag      | 22.5 x 9.1 x 15.85 | A, B, C, D, E, F, Z |
| 2      | 35879707    | 90°   | M      | B    | Ag      | 22.5 x 9.1 x 15.85 |                     |
| 3      | 35879708    | 90°   | M      | C    | Ag      | 22.5 x 9.1 x 15.85 |                     |
| 4      | 35879709    | 90°   | M      | D    | Ag      | 22.5 x 9.1 x 15.85 |                     |
| 5      | 35879710    | 90°   | M      | E    | Ag      | 22.5 x 9.1 x 15.85 |                     |
| 6      | 35879711    | 90°   | M      | F    | Ag      | 22.5 x 9.1 x 15.85 |                     |
| 7      | 35879712    | 90°   | M      | Z    | Ag      | 22.5 x 9.1 x 15.85 |                     |

MCA-B 4 Port Unsealed 90° Header



MCA-B 4P unsealed 90° header

Product Features

- Small dimensions to save installation space
- Cost effective stamped terminal
- Integrated proposal on die-cast parts and tubes
- Highest mechanical robustness
- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies

Technical Characteristics

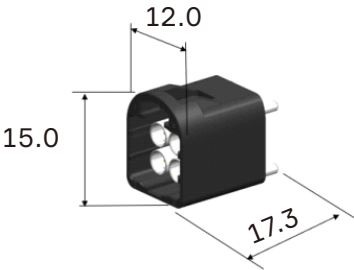
| Operating Temperature | Sealing            | Vibration | Applications                       | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360 Around Camera&T-Box& ADAS | 1A max     | SAE-USCAR-49  | DC to 9GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Plating | Dimensions(mm)     | Available Codes     |
|--------|-------------|-------|--------|------|---------|--------------------|---------------------|
| 1      | 35830957    | 90°   | M      | A    | Au      | 22.5 x 12.0 x 14.8 | A, B, C, D, E, F, Z |
| 2      | 35830958    | 90°   | M      | B    | Au      | 22.5 x 12.0 x 14.8 |                     |
| 3      | 35830959    | 90°   | M      | C    | Au      | 22.5 x 12.0 x 14.8 |                     |
| 4      | 35830960    | 90°   | M      | D    | Au      | 22.5 x 12.0 x 14.8 |                     |
| 5      | 35830961    | 90°   | M      | E    | Au      | 22.5 x 12.0 x 14.8 |                     |
| 6      | 35830962    | 90°   | M      | F    | Au      | 22.5 x 12.0 x 14.8 |                     |
| 7      | 35836631    | 90°   | M      | G    | Au      | 22.5 x 12.0 x 14.8 |                     |
| 8      | 35830963    | 90°   | M      | Z    | Au      | 22.5 x 12.0 x 14.8 |                     |
|        |             |       |        |      |         |                    |                     |
| Number | Part Number | Angle | Gender | Code | Plating | Dimensions(mm)     | Available Codes     |
| 1      | 35838091    | 90°   | M      | A    | Ag      | 22.5 x 12.0 x 14.8 | A, B, C, D, E, F, Z |
| 2      | 35838092    | 90°   | M      | B    | Ag      | 22.5 x 12.0 x 14.8 |                     |
| 3      | 35838093    | 90°   | M      | C    | Ag      | 22.5 x 12.0 x 14.8 |                     |
| 4      | 35838094    | 90°   | M      | D    | Ag      | 22.5 x 12.0 x 14.8 |                     |
| 5      | 35838095    | 90°   | M      | E    | Ag      | 22.5 x 12.0 x 14.8 |                     |
| 6      | 35838096    | 90°   | M      | F    | Ag      | 22.5 x 12.0 x 14.8 |                     |
| 7      | 35838098    | 90°   | M      | G    | Ag      | 22.5 x 12.0 x 14.8 |                     |
| 8      | 35838099    | 90°   | M      | Z    | Ag      | 22.5 x 12.0 x 14.8 |                     |



MCA-B 4 Port Unsealed 180° Header



MCA-B 4P unsealed 180° header

Product Features

- Small dimensions to save installation space
- Cost effective stamped terminal
- Integrated proposal on die-cast parts and tubes
- Highest mechanical robustness
- Basic high speed data solution for future autonomous driving and infotainment application
- Stable performance across various temperatures & frequencies

Technical Characteristics

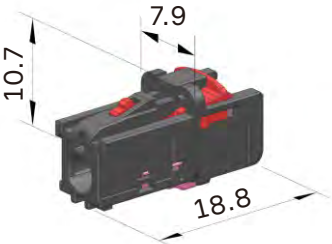
| Operating Temperature | Sealing            | Vibration | Applications                                | DC Current | Specification | Frequency  |
|-----------------------|--------------------|-----------|---------------------------------------------|------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1        | LVDS&360<br>Around<br>Camera&T-Box&<br>ADAS | 1A max     | SAE-USCAR-49  | DC to 9GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Plating | Dimensions(mm)     | Available Codes        |
|--------|-------------|-------|--------|------|---------|--------------------|------------------------|
| 1      | 35894552    | 180°  | M      | A    | Au      | 17.3 x 12.0 x 15.0 | A, B, C, D, E, F, G, Z |
| 2      | 35894553    | 180°  | M      | B    | Au      | 17.3 x 12.0 x 15.0 |                        |
| 3      | 35894554    | 180°  | M      | C    | Au      | 17.3 x 12.0 x 15.0 |                        |
| 4      | 35894555    | 180°  | M      | D    | Au      | 17.3 x 12.0 x 15.0 |                        |
| 5      | 35894556    | 180°  | M      | E    | Au      | 17.3 x 12.0 x 15.0 |                        |
| 6      | 35894557    | 180°  | M      | F    | Au      | 17.3 x 12.0 x 15.0 |                        |
| 7      | 35894558    | 180°  | M      | G    | Au      | 17.3 x 12.0 x 15.0 |                        |
| 8      | 35894559    | 180°  | M      | Z    | Au      | 17.3 x 12.0 x 15.0 |                        |

| Number | Part Number | Angle | Gender | Code | Plating | Dimensions(mm)     | Available Codes        |
|--------|-------------|-------|--------|------|---------|--------------------|------------------------|
| 1      | 35894560    | 180°  | M      | A    | Ag      | 17.3 x 12.0 x 15.0 | A, B, C, D, E, F, G, Z |
| 2      | 35894561    | 180°  | M      | B    | Ag      | 17.3 x 12.0 x 15.0 |                        |
| 3      | 35894562    | 180°  | M      | C    | Ag      | 17.3 x 12.0 x 15.0 |                        |
| 4      | 35894563    | 180°  | M      | D    | Ag      | 17.3 x 12.0 x 15.0 |                        |
| 5      | 35894564    | 180°  | M      | E    | Ag      | 17.3 x 12.0 x 15.0 |                        |
| 6      | 35894565    | 180°  | M      | F    | Ag      | 17.3 x 12.0 x 15.0 |                        |
| 7      | 35894566    | 180°  | M      | G    | Ag      | 17.3 x 12.0 x 15.0 |                        |
| 8      | 35894567    | 180°  | M      | Z    | Ag      | 17.3 x 12.0 x 15.0 |                        |

MCA-A 1 Port 180° Unsealed Female Connector



MCA-A 1P 180° unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials : HB/V0
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications   | DC Current | Cable Spec  | Specification | Cable Spec |
|-----------------------|--------------------|-----------|----------------|------------|-------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | Class 1   | Antenna/Camera | 2A Max     | 2.80-3.55mm | USCAR-49      | 9GHz       |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions        | Available Codes                          |
|--------|-------------|-------|--------|------|-------------------|------------------------------------------|
| 1      | 35477650    | 180°  | F      | A    | 18.8 x 7.9 x 10.7 | A, B, C, D, E, F, G, H,<br>J, K, L, M, Z |
| 2      | 35520962    | 180°  | F      | B    | 18.8 x 7.9 x 10.7 |                                          |
| 3      | 35520963    | 180°  | F      | C    | 18.8 x 7.9 x 10.7 |                                          |
| 4      | 35520964    | 180°  | F      | D    | 18.8 x 7.9 x 10.7 |                                          |
| 5      | 35520966    | 180°  | F      | E    | 18.8 x 7.9 x 10.7 |                                          |
| 6      | 35520967    | 180°  | F      | F    | 18.8 x 7.9 x 10.7 |                                          |
| 7      | 35520968    | 180°  | F      | G    | 18.8 x 7.9 x 10.7 |                                          |
| 8      | 35520970    | 180°  | F      | H    | 18.8 x 7.9 x 10.7 |                                          |
| 9      | 35520972    | 180°  | F      | J    | 18.8 x 7.9 x 10.7 |                                          |
| 10     | 35520973    | 180°  | F      | K    | 18.8 x 7.9 x 10.7 |                                          |
| 11     | 35520975    | 180°  | F      | L    | 18.8 x 7.9 x 10.7 |                                          |
| 12     | 35521766    | 180°  | F      | M    | 18.8 x 7.9 x 10.7 |                                          |
| 13     | 35507897    | 180°  | F      | Z    | 18.8 x 7.9 x 10.7 |                                          |

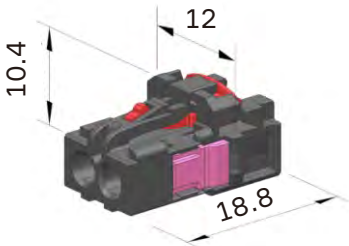
Main Part Numbers

| Configuration      | 1&2port female/<br>1port male TPA | CPA(optional) | 1port female housing |
|--------------------|-----------------------------------|---------------|----------------------|
| Product Image      |                                   |               |                      |
| Code A part number | 35477657                          | 35477661      | 35477649             |

Compatible Terminals

| Part Number | 35509006/35575213 | 35700132/35700133 | 35700134 |
|-------------|-------------------|-------------------|----------|
| Wire Type   | RG174             | RTK031            | RTK044   |
| Plating     | Ag                | Ag                | Ag       |

MCA-A 2 Port 180° Unsealed Female Connector



MCA-A 2P 180° unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials : HB/V0
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications   | DC Current | Cable Spec  | Specification | Cable Spec |
|-----------------------|--------------------|-----------|----------------|------------|-------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | Class 1   | Antenna/Camera | 2A Max     | 2.80-3.55mm | USCAR-49      | 9GHz       |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes     |
|--------|-------------|-------|--------|------|--------------------|---------------------|
| 1      | 35477654    | 180°  | F      | A    | 18.8 x 12.0 x 10.4 | A, B, C, D, E, F, Z |
| 2      | 35521101    | 180°  | F      | B    | 18.8 x 12.0 x 10.4 |                     |
| 3      | 35521102    | 180°  | F      | C    | 18.8 x 12.0 x 10.4 |                     |
| 4      | 35521103    | 180°  | F      | D    | 18.8 x 12.0 x 10.4 |                     |
| 5      | 35521104    | 180°  | F      | E    | 18.8 x 12.0 x 10.4 |                     |
| 6      | 35521105    | 180°  | F      | F    | 18.8 x 12.0 x 10.4 |                     |
| 7      | 35521110    | 180°  | F      | Z    | 18.8 x 12.0 x 10.4 |                     |

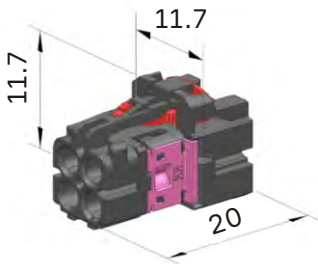
Accessory Parts

| Configuration      | 1&2port female/<br>1port male TPA | CPA(optional) | 2port female housing |
|--------------------|-----------------------------------|---------------|----------------------|
| Product Image      |                                   |               |                      |
| Code A part number | 35477657                          | 35477661      | 35477653             |

Compatible Terminals

| Part Number | 35509006/35575213 | 35700132/35700133 | 35700134 |
|-------------|-------------------|-------------------|----------|
| Wire Type   | RG174             | RTK031            | RTK044   |
| Plating     | Ag                | Ag                | Ag       |

MCA-A 4 Port 180° Unsealed Female Connector



MCA-A 4P 180° unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials : HB/V0
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications   | DC Current | Cable Spec  | Specification | Cable Spec |
|-----------------------|--------------------|-----------|----------------|------------|-------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | Class 1   | Antenna/Camera | 2A Max     | 2.80-3.55mm | USCAR-49      | 9GHz       |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes     |
|--------|-------------|-------|--------|------|--------------------|---------------------|
| 1      | 35592334    | 180°  | F      | A    | 20.0 x 11.7 x 14.0 | A, B, C, D, E, F, Z |
| 2      | 35592335    | 180°  | F      | B    | 20.0 x 11.7 x 14.0 |                     |
| 3      | 35592336    | 180°  | F      | C    | 20.0 x 11.7 x 14.0 |                     |
| 4      | 35592337    | 180°  | F      | D    | 20.0 x 11.7 x 14.0 |                     |
| 5      | 35592338    | 180°  | F      | E    | 20.0 x 11.7 x 14.0 |                     |
| 6      | 35592339    | 180°  | F      | F    | 20.0 x 11.7 x 14.0 |                     |
| 7      | 35626022    | 180°  | F      | Z    | 20.0 x 11.7 x 14.0 |                     |

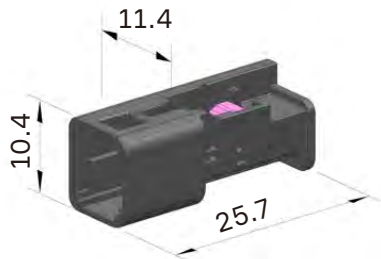
Accessory Parts

| Configuration      | 4port female TPA | CPA(optional) | 4port female housing |
|--------------------|------------------|---------------|----------------------|
| Product Image      |                  |               |                      |
| Code A part number | 35592354         | 35477661      | 35592347             |

Compatible Terminals

| Part Number | 35509006/35575213 | 35700132/35700133 | 35700134 |
|-------------|-------------------|-------------------|----------|
| Wire Type   | RG174             | RTK031            | RTK044   |
| Plating     | Ag                | Ag                | Ag       |

MCA-A 1 Port 180° Unsealed Male Connector



MCA-A 1P 180° unsealed male assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials : HB/V0
- Clipslot (only for male)

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications   | DC Current | Cable Spec  | Specification | Cable Spec |
|-----------------------|--------------------|-----------|----------------|------------|-------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | Class 1   | Antenna/Camera | 2A Max     | 2.80-3.55mm | USCAR-49      | 9GHz       |

Main Part Numbers

| Number | Part Number | Angle | Gender | Clipslot | Code | Dimensions         | Available Codes                       |
|--------|-------------|-------|--------|----------|------|--------------------|---------------------------------------|
| 1      | 35521020    | 180°  | M      | 7mm      | A    | 25.7 x 11.4 x 10.4 | A, B, C, D, E, F, G, H, J, K, L, M, Z |
| 2      | 35521021    | 180°  | M      | 7mm      | B    | 25.7 x 11.4 x 10.4 |                                       |
| 3      | 35521022    | 180°  | M      | 7mm      | C    | 25.7 x 11.4 x 10.4 |                                       |
| 4      | 35521023    | 180°  | M      | 7mm      | D    | 25.7 x 11.4 x 10.4 |                                       |
| 5      | 35521024    | 180°  | M      | 7mm      | E    | 25.7 x 11.4 x 10.4 |                                       |
| 6      | 35521025    | 180°  | M      | 7mm      | F    | 25.7 x 11.4 x 10.4 |                                       |
| 7      | 35521026    | 180°  | M      | 7mm      | G    | 25.7 x 11.4 x 10.4 |                                       |
| 8      | 35521027    | 180°  | M      | 7mm      | H    | 25.7 x 11.4 x 10.4 |                                       |
| 9      | 35521028    | 180°  | M      | 7mm      | J    | 25.7 x 11.4 x 10.4 |                                       |
| 10     | 35521029    | 180°  | M      | 7mm      | K    | 25.7 x 11.4 x 10.4 |                                       |
| 11     | 35521031    | 180°  | M      | 7mm      | L    | 25.7 x 11.4 x 10.4 |                                       |
| 12     | 35521772    | 180°  | M      | 7mm      | M    | 25.7 x 11.4 x 10.4 |                                       |
| 13     | 35531978    | 180°  | M      | 7mm      | Z    | 25.7 x 11.4 x 10.4 |                                       |

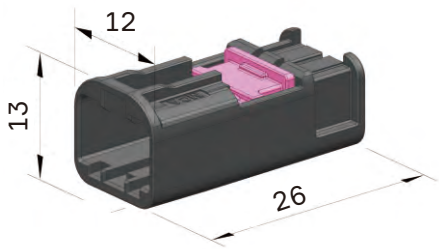
Accessory Parts

| Configuration      | 1&2port female/<br>1port male TPA | 1port male housing | 1port male housing<br>with 7mm clipslot |
|--------------------|-----------------------------------|--------------------|-----------------------------------------|
| Product Image      |                                   |                    |                                         |
| Code A part number | 35477657                          | 35477651           | 35520999                                |

Compatible Terminals

| Part Number | 35601266 | 35700149/35700150 | 35700151 |
|-------------|----------|-------------------|----------|
| Wire Type   | RG174    | RTK031            | RTK044   |
| Plating     | Ag       | Ag                | Ag       |

MCA-A 2 Port 180° Unsealed Male Connector



MCA-A 2P 180° unsealed male assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials : HB/V0
- Clipslot (only for male)

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications   | DC Current | Cable Spec  | Specification | Cable Spec |
|-----------------------|--------------------|-----------|----------------|------------|-------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | Class 1   | Antenna/Camera | 2A Max     | 2.80-3.55mm | USCAR-49      | 9GHz       |

Main Part Numbers

| Number | Part Number | Angle | Gender | Clipslot | Code | Dimensions         | Available Codes     |
|--------|-------------|-------|--------|----------|------|--------------------|---------------------|
| 1      | 35521163    | 180°  | M      | 7mm      | A    | 26.0 x 12.0 x 13.0 | A, B, C, D, E, F, Z |
| 2      | 35521164    | 180°  | M      | 7mm      | B    | 26.0 x 12.0 x 13.0 |                     |
| 3      | 35521165    | 180°  | M      | 7mm      | C    | 26.0 x 12.0 x 13.0 |                     |
| 4      | 35521166    | 180°  | M      | 7mm      | D    | 26.0 x 12.0 x 13.0 |                     |
| 5      | 35521167    | 180°  | M      | 7mm      | E    | 26.0 x 12.0 x 13.0 |                     |
| 6      | 35521168    | 180°  | M      | 7mm      | F    | 26.0 x 12.0 x 13.0 |                     |
| 7      | 35521173    | 180°  | M      | 7mm      | Z    | 26.0 x 12.0 x 13.0 |                     |

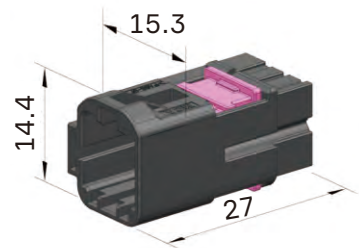
Accessory Parts

| Configuration      | 2&4port male TPA | 2port male housing | 2port male housing<br>with 7mm clipslot |
|--------------------|------------------|--------------------|-----------------------------------------|
| Product Image      |                  |                    |                                         |
| Code A part number | 35592391         | 35477655           | 35521141                                |

Compatible Terminals

| Part Number | 35601266 | 35700149/35700150 | 35700151 |
|-------------|----------|-------------------|----------|
| Wire Type   | RG174    | RTK031            | RTK044   |
| Plating     | Ag       | Ag                | Ag       |

MCA-A 4 Port 180° Unsealed Male Connector



MCA-A 4P unsealed male assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials : HB/V0
- Clipslot (only for male)

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications   | DC Current | Cable Spec  | Specification | Cable Spec |
|-----------------------|--------------------|-----------|----------------|------------|-------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | Class 1   | Antenna/Camera | 2A Max     | 2.80-3.55mm | USCAR-49      | 9GHz       |

Main Part Numbers

| Number | Part Number | Angle | Gender | Clipslot | Code | Dimensions         | Available Codes     |
|--------|-------------|-------|--------|----------|------|--------------------|---------------------|
| 1      | 35592357    | 180°  | M      | 7mm      | A    | 27.0 x 15.3 x 14.4 | A, B, C, D, E, F, Z |
| 2      | 35592358    | 180°  | M      | 7mm      | B    | 27.0 x 15.3 x 14.4 |                     |
| 3      | 35592359    | 180°  | M      | 7mm      | C    | 27.0 x 15.3 x 14.4 |                     |
| 4      | 35592360    | 180°  | M      | 7mm      | D    | 27.0 x 15.3 x 14.4 |                     |
| 5      | 35592361    | 180°  | M      | 7mm      | E    | 27.0 x 15.3 x 14.4 |                     |
| 6      | 35592363    | 180°  | M      | 7mm      | F    | 27.0 x 15.3 x 14.4 |                     |
| 7      | 35512832    | 180°  | M      | 7mm      | Z    | 27.0 x 15.3 x 14.4 |                     |

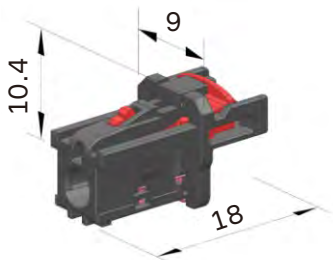
Accessory Parts

| Configuration      | 4port female TPA | 4port male housing | 4port male housing with 7mm clipslot |
|--------------------|------------------|--------------------|--------------------------------------|
| Product Image      |                  |                    |                                      |
| Code A part number | 35592391         | 35592382           | 35592372                             |

Compatible Terminals

| Part Number | 35601266 | 35700149/35700150 | 35700151 |
|-------------|----------|-------------------|----------|
| Wire Type   | RG174    | RTK031            | RTK044   |
| Plating     | Ag       | Ag                | Ag       |

MCA-A 1 Port 90° Unsealed Female Connector



MCA-A 1P 90° unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials : HB/V0
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications   | DC Current | Cable Spec  | Specification | Cable Spec |
|-----------------------|--------------------|-----------|----------------|------------|-------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | Class 1   | Antenna/Camera | 2A Max     | 2.80-3.55mm | USCAR-49      | 9GHz       |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions        | Available Codes                       |
|--------|-------------|-------|--------|------|-------------------|---------------------------------------|
| 1      | 35784410    | 90°   | F      | A    | 18.0 x 9.0 x 10.4 | A, B, C, D, E, F, G, H, J, K, L, M, Z |
| 2      | 35784411    | 90°   | F      | B    | 18.0 x 9.0 x 10.4 |                                       |
| 3      | 35784412    | 90°   | F      | C    | 18.0 x 9.0 x 10.4 |                                       |
| 4      | 35784413    | 90°   | F      | D    | 18.0 x 9.0 x 10.4 |                                       |
| 5      | 35784414    | 90°   | F      | E    | 18.0 x 9.0 x 10.4 |                                       |
| 6      | 35784415    | 90°   | F      | F    | 18.0 x 9.0 x 10.4 |                                       |
| 7      | 35784421    | 90°   | F      | G    | 18.0 x 9.0 x 10.4 |                                       |
| 8      | 35784422    | 90°   | F      | H    | 18.0 x 9.0 x 10.4 |                                       |
| 9      | 35784423    | 90°   | F      | J    | 18.0 x 9.0 x 10.4 |                                       |
| 10     | 35784424    | 90°   | F      | K    | 18.0 x 9.0 x 10.4 |                                       |
| 11     | 35784425    | 90°   | F      | L    | 18.0 x 9.0 x 10.4 |                                       |
| 12     | 35784426    | 90°   | F      | M    | 18.0 x 9.0 x 10.4 |                                       |
| 13     | 35784427    | 90°   | F      | Z    | 18.0 x 9.0 x 10.4 |                                       |

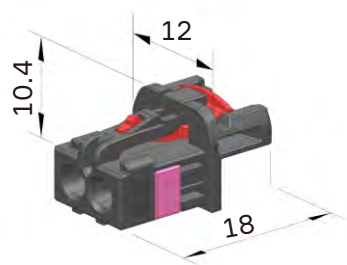
Accessory Parts

| Configuration      | 1port female TPA | CPA(optional) | 1port female housing |
|--------------------|------------------|---------------|----------------------|
| Product Image      |                  |               |                      |
| Code A part number | 35784401         | 35477661      | 35784378             |

Compatible Terminals

| Part Number | 35777417/35777418 | 35777415/35777416 | 35777414 |
|-------------|-------------------|-------------------|----------|
| Part        | Short             | Short             | Short    |
| Wire Type   | RG174             | RTK031            | RTK044   |
| Plating     | Ag                | Ag                | Ag       |

MCA-A 2 Port 90° Unsealed Female Connector



MCA-A 2P 90° unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials : HB/V0
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications   | DC Current | Cable Spec  | Specification | Cable Spec |
|-----------------------|--------------------|-----------|----------------|------------|-------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | Class 1   | Antenna/Camera | 2A Max     | 2.80-3.55mm | USCAR-49      | 9GHz       |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes     |
|--------|-------------|-------|--------|------|--------------------|---------------------|
| 1      | 35773252    | 90°   | F      | A    | 18.0 x 12.0 x 10.4 | A, B, C, D, E, F, Z |
| 2      | 35773253    | 90°   | F      | B    | 18.0 x 12.0 x 10.4 |                     |
| 3      | 35773254    | 90°   | F      | C    | 18.0 x 12.0 x 10.4 |                     |
| 4      | 35773255    | 90°   | F      | D    | 18.0 x 12.0 x 10.4 |                     |
| 5      | 35773256    | 90°   | F      | E    | 18.0 x 12.0 x 10.4 |                     |
| 6      | 35773257    | 90°   | F      | F    | 18.0 x 12.0 x 10.4 |                     |
| 7      | 35773258    | 90°   | F      | Z    | 18.0 x 12.0 x 10.4 |                     |

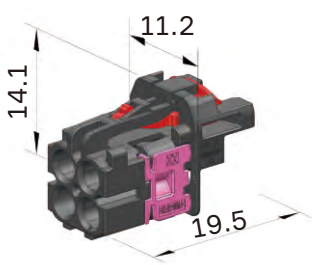
Accessory Parts

| Configuration      | 2port female TPA | CPA(optional) | 2port female housing |
|--------------------|------------------|---------------|----------------------|
| Product Image      |                  |               |                      |
| Code A part number | 35773236         | 35477661      | 35773225             |

Compatible Terminals

| Part Number | 35777417/35777418 | 35777415/35777416 | 35777414 |
|-------------|-------------------|-------------------|----------|
| Part        | Short             | Short             | Short    |
| Wire Type   | RG174             | RTK031            | RTK044   |
| Plating     | Ag                | Ag                | Ag       |

MCA-A 4 Port 90° Unsealed Female Connector



MCA-A 4P 90° unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials : HB/V0
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications   | DC Current | Cable Spec  | Specification | Cable Spec |
|-----------------------|--------------------|-----------|----------------|------------|-------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | Class 1   | Antenna/Camera | 2A Max     | 2.80-3.55mm | USCAR-49      | 9GHz       |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes     |
|--------|-------------|-------|--------|------|--------------------|---------------------|
| 1      | 35773273    | 90°   | F      | A    | 19.5 x 11.2 x 14.1 | A, B, C, D, E, F, Z |
| 2      | 35773274    | 90°   | F      | B    | 19.5 x 11.2 x 14.1 |                     |
| 3      | 35773275    | 90°   | F      | C    | 19.5 x 11.2 x 14.1 |                     |
| 4      | 35773276    | 90°   | F      | D    | 19.5 x 11.2 x 14.1 |                     |
| 5      | 35773277    | 90°   | F      | E    | 19.5 x 11.2 x 14.1 |                     |
| 6      | 35773278    | 90°   | F      | F    | 19.5 x 11.2 x 14.1 |                     |
| 7      | 35773280    | 90°   | F      | Z    | 19.5 x 11.2 x 14.1 |                     |

Accessory Parts

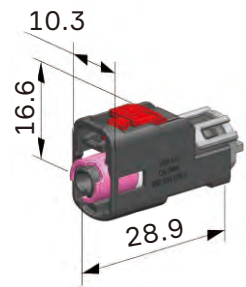
| Configuration      | 4port female TPA | CPA(optional) | 4port female housing |
|--------------------|------------------|---------------|----------------------|
| Product Image      |                  |               |                      |
| Code A part number | 35773246         | 35477661      | 35773237             |

Compatible Terminals

| Part Number | 35777417/<br>35777418 | 35777422 | 35777415/<br>35777416 | 35777420/<br>35777421 | 35777414 | 35777419 |
|-------------|-----------------------|----------|-----------------------|-----------------------|----------|----------|
| Part        | Short                 | Long     | Short                 | Long                  | Short    | Long     |
| Wire Type   | RG174                 |          | RTK031                |                       | RTK044   |          |
| Plating     | Ag                    |          | Ag                    |                       | Ag       |          |



MCA-A 1 Port 180° Sealed Female Connector



Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials : HB/V0
- Optional CPA

MCA-A 1P 180° sealed female assembly

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications   | DC Current | Cable Spec  | Specification | Cable Spec |
|-----------------------|------------------|-----------|----------------|------------|-------------|---------------|------------|
| -40°~105°             | Class 2 (Sealed) | Class 1   | Antenna/Camera | 2A Max     | 2.80-3.55mm | USCAR-49      | 9GHz       |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes     |
|--------|-------------|-------|--------|------|--------------------|---------------------|
| 1      | 35755892    | 180°  | F      | A    | 28.9 x 10.3 x 16.6 | A, B, C, D, E, F, Z |
| 2      | 35755893    | 180°  | F      | B    | 28.9 x 10.3 x 16.6 |                     |
| 3      | 35755895    | 180°  | F      | C    | 28.9 x 10.3 x 16.6 |                     |
| 4      | 35755896    | 180°  | F      | D    | 28.9 x 10.3 x 16.6 |                     |
| 5      | 35755897    | 180°  | F      | E    | 28.9 x 10.3 x 16.6 |                     |
| 6      | 35755898    | 180°  | F      | F    | 28.9 x 10.3 x 16.6 |                     |
| 7      | 35755899    | 180°  | F      | Z    | 28.9 x 10.3 x 16.6 |                     |

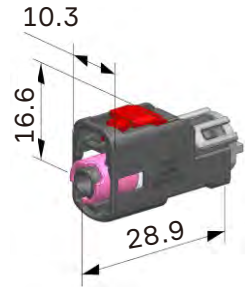
Accessory Parts

| Configuration      | 1port female TPA | CPA(optional) | 1port female housing | retainer | Seal-RG174 |          |
|--------------------|------------------|---------------|----------------------|----------|------------|----------|
| Product Image      |                  |               |                      |          |            |          |
| Code A part number | 35761767         | 33333683      | 35761756             | 35761771 | 35761777   | 35761769 |

Compatible Terminals

|             |                   |
|-------------|-------------------|
| Part Number | 35509006/35575213 |
| Wire Type   | RG174             |
| Plating     | Ag                |

MCA-A 1 Port 180° Sealed Female Connector



Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials : HB/V0
- Optional CPA

MCA-A 1P 180° sealed female assembly

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications   | DC Current | Cable Spec  | Specification | Cable Spec |
|-----------------------|------------------|-----------|----------------|------------|-------------|---------------|------------|
| -40°~105°             | Class 2 (Sealed) | Class 1   | Antenna/Camera | 2A Max     | 2.80-3.55mm | USCAR-49      | 9GHz       |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes     |
|--------|-------------|-------|--------|------|--------------------|---------------------|
| 1      | 35761781    | 180°  | F      | A    | 28.9 x 10.3 x 16.6 | A, B, C, D, E, F, Z |
| 2      | 35761795    | 180°  | F      | B    | 28.9 x 10.3 x 16.6 |                     |
| 3      | 35761797    | 180°  | F      | C    | 28.9 x 10.3 x 16.6 |                     |
| 4      | 35761800    | 180°  | F      | D    | 28.9 x 10.3 x 16.6 |                     |
| 5      | 35761801    | 180°  | F      | E    | 28.9 x 10.3 x 16.6 |                     |
| 6      | 35761802    | 180°  | F      | F    | 28.9 x 10.3 x 16.6 |                     |
| 7      | 35761803    | 180°  | F      | Z    | 28.9 x 10.3 x 16.6 |                     |

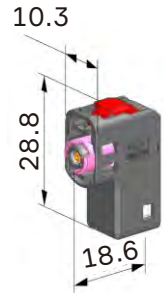
Accessory Parts

| Configuration      | 1port female TPA | CPA(optional) | 1port female housing | retainer | Seal-RTK031/044 |          |
|--------------------|------------------|---------------|----------------------|----------|-----------------|----------|
| Product Image      |                  |               |                      |          |                 |          |
| Code A part number | 35761767         | 33333683      | 35761756             | 35761771 | 35761778        | 35761769 |

Compatible Terminals

|             |                   |          |
|-------------|-------------------|----------|
| Part Number | 35700132/35700133 | 35700134 |
| Wire Type   | RTK031            | RTK044   |
| Plating     | Ag                | Ag       |

MCA-A 1 Port 90° Sealed Female Connector



MCA-A 1P 90° sealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials : HB/V0
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications   | DC Current | Cable Spec  | Specification | Cable Spec |
|-----------------------|------------------|-----------|----------------|------------|-------------|---------------|------------|
| -40°~105°             | Class 3 (Sealed) | Class 1   | Antenna/Camera | 2A Max     | 2.80-3.55mm | USCAR-49      | 9GHz       |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes     |
|--------|-------------|-------|--------|------|--------------------|---------------------|
| 1      | 35773538    | 90°   | F      | A    | 18.6 x 10.3 x 28.8 | A, B, C, D, E, F, Z |
| 2      | 35773539    | 90°   | F      | B    | 18.6 x 10.3 x 28.8 |                     |
| 3      | 35773540    | 90°   | F      | C    | 18.6 x 10.3 x 28.8 |                     |
| 4      | 35773541    | 90°   | F      | D    | 18.6 x 10.3 x 28.8 |                     |
| 5      | 35773542    | 90°   | F      | E    | 18.6 x 10.3 x 28.8 |                     |
| 6      | 35773543    | 90°   | F      | F    | 18.6 x 10.3 x 28.8 |                     |
| 7      | 35773544    | 90°   | F      | Z    | 18.6 x 10.3 x 28.8 |                     |

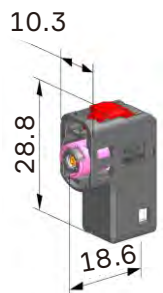
Accessory Parts

| Configuration      | 1port female TPA | CPA(optional) | 1port female housing | retainer | Seal-RG174 |
|--------------------|------------------|---------------|----------------------|----------|------------|
| Product Image      |                  |               |                      |          |            |
| Code A part number | 35761767         | 33333683      | 35773513             | 35773537 | 35761769   |

Compatible Terminals

| Part Number | 35777417/35777418 | 35777422/35777423 |
|-------------|-------------------|-------------------|
| Part        | Short             | Long              |
| Wire Type   | RG174             |                   |
| Plating     | Ag                |                   |

MCA-A 1 Port 90° Sealed Female Connector



MCA-A 1P 90° sealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials : HB/V0
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications   | DC Current | Cable Spec  | Specification | Cable Spec |
|-----------------------|------------------|-----------|----------------|------------|-------------|---------------|------------|
| -40°~105°             | Class 3 (Sealed) | Class 1   | Antenna/Camera | 2A Max     | 2.80-3.55mm | USCAR-49      | 9GHz       |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes     |
|--------|-------------|-------|--------|------|--------------------|---------------------|
| 1      | 35830290    | 90°   | F      | A    | 18.6 x 10.3 x 28.8 | A, B, C, D, E, F, Z |
| 2      | 35830291    | 90°   | F      | B    | 18.6 x 10.3 x 28.8 |                     |
| 3      | 35830292    | 90°   | F      | C    | 18.6 x 10.3 x 28.8 |                     |
| 4      | 35830293    | 90°   | F      | D    | 18.6 x 10.3 x 28.8 |                     |
| 5      | 35830294    | 90°   | F      | E    | 18.6 x 10.3 x 28.8 |                     |
| 6      | 35830295    | 90°   | F      | F    | 18.6 x 10.3 x 28.8 |                     |
| 7      | 35830303    | 90°   | F      | Z    | 18.6 x 10.3 x 28.8 |                     |

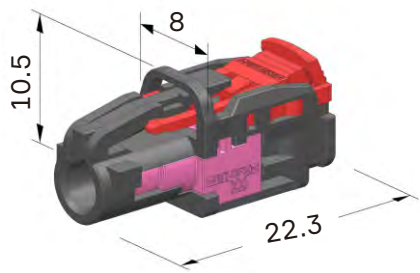
Accessory Parts

| Configuration      | 1port female TPA | CPA(optional) | 1port female housing | retainer | Seal-RTK031/044 |
|--------------------|------------------|---------------|----------------------|----------|-----------------|
| Product Image      |                  |               |                      |          |                 |
| Code A part number | 35773531         | 33333683      | 35773513             | 35804577 | 35761769        |

Compatible Terminals

| Part Number | 35777415/35777416 | 35777420/35777421 | 35777414 | 35777419 |
|-------------|-------------------|-------------------|----------|----------|
| Part        | Short             | Long              | Short    | Long     |
| Wire Type   | RTK031            |                   | RTK044   |          |
| Plating     | Ag                |                   | Ag       |          |

MCA-B 1 Port 180° Unsealed Female Connector



MCA-B 1P 180° unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials : HB/V0
- Optional dress cover & CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications   | DC Current | Cable Spec  | Specification | Cable Spec |
|-----------------------|--------------------|-----------|----------------|------------|-------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | Class 1   | Antenna/Camera | 2A Max     | 2.80-3.55mm | USCAR-49      | 9GHz       |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions        | Available Codes                    |
|--------|-------------|-------|--------|------|-------------------|------------------------------------|
| 1      | 35602195    | 180°  | F      | A    | 22.3 x 8.0 x 10.5 | A, B, C, D, E, F, G, H, J, K, N, Z |
| 2      | 35602196    | 180°  | F      | B    | 22.3 x 8.0 x 10.5 |                                    |
| 3      | 35602197    | 180°  | F      | C    | 22.3 x 8.0 x 10.5 |                                    |
| 4      | 35602198    | 180°  | F      | D    | 22.3 x 8.0 x 10.5 |                                    |
| 5      | 35602199    | 180°  | F      | E    | 22.3 x 8.0 x 10.5 |                                    |
| 6      | 35602200    | 180°  | F      | F    | 22.3 x 8.0 x 10.5 |                                    |
| 7      | 35602201    | 180°  | F      | G    | 22.3 x 8.0 x 10.5 |                                    |
| 8      | 35602202    | 180°  | F      | H    | 22.3 x 8.0 x 10.5 |                                    |
| 9      | 35602203    | 180°  | F      | J    | 22.3 x 8.0 x 10.5 |                                    |
| 10     | 35602204    | 180°  | F      | K    | 22.3 x 8.0 x 10.5 |                                    |
| 11     | 35602205    | 180°  | F      | N    | 22.3 x 8.0 x 10.5 |                                    |
| 12     | 35513281    | 180°  | F      | Z    | 22.3 x 8.0 x 10.5 |                                    |

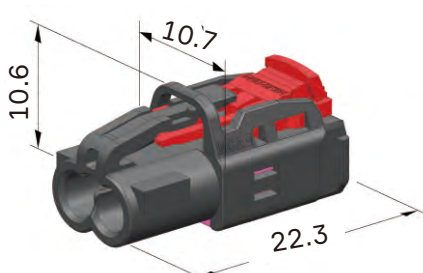
Accessory Parts

| Configuration      | 1port female&male TPA | CPA(optional) | 1port female housing | 1port dress cover(optional) |
|--------------------|-----------------------|---------------|----------------------|-----------------------------|
| Product Image      |                       |               |                      |                             |
| Code A part number | 35601700              | 35601696      | 35601863             | 35755946                    |

Compatible Terminals

| Part Number | 35552926 | 35552927/35572194 | 35552928/35776828 |
|-------------|----------|-------------------|-------------------|
| Wire Type   | RG174    | RTK031            | RTK044            |
| Plating     | Ag       | Ag                | Ag                |

MCA-B 2 Port 180° Unsealed Female Connector



MCA-B 2P 180° unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials : HB/V0
- Optional dress cover & CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications   | DC Current | Cable Spec  | Specification | Cable Spec |
|-----------------------|--------------------|-----------|----------------|------------|-------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | Class 1   | Antenna/Camera | 2A Max     | 2.80-3.55mm | USCAR-49      | 9GHz       |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes                    |
|--------|-------------|-------|--------|------|--------------------|------------------------------------|
| 1      | 35602237    | 180°  | F      | A    | 22.3 x 10.7 x 10.6 | A, B, C, D, E, F, G, H, J, K, N, Z |
| 2      | 35602238    | 180°  | F      | B    | 22.3 x 10.7 x 10.6 |                                    |
| 3      | 35602482    | 180°  | F      | C    | 22.3 x 10.7 x 10.6 |                                    |
| 4      | 35602483    | 180°  | F      | D    | 22.3 x 10.7 x 10.6 |                                    |
| 5      | 35602488    | 180°  | F      | E    | 22.3 x 10.7 x 10.6 |                                    |
| 6      | 35602489    | 180°  | F      | F    | 22.3 x 10.7 x 10.6 |                                    |
| 7      | 35602490    | 180°  | F      | G    | 22.3 x 10.7 x 10.6 |                                    |
| 8      | 35602491    | 180°  | F      | H    | 22.3 x 10.7 x 10.6 |                                    |
| 9      | 35602496    | 180°  | F      | J    | 22.3 x 10.7 x 10.6 |                                    |
| 10     | 35602498    | 180°  | F      | K    | 22.3 x 10.7 x 10.6 |                                    |
| 11     | 35602499    | 180°  | F      | N    | 22.3 x 10.7 x 10.6 |                                    |
| 12     | 35513283    | 180°  | F      | Z    | 22.3 x 10.7 x 10.6 |                                    |

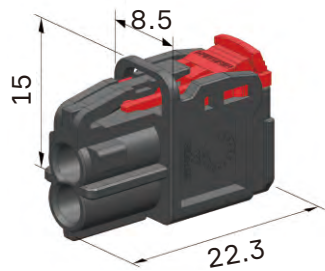
Accessory Parts

| Configuration      | 2&4port female TPA | CPA(optional) | 2port female housing | 2port dress cover(optional) |
|--------------------|--------------------|---------------|----------------------|-----------------------------|
| Product Image      |                    |               |                      |                             |
| Code A part number | 35601702           | 35601696      | 35601913             | 35755947                    |

Compatible Terminals

| Part Number | 35552926 | 35552927/35572194 | 35552928/35776828 |
|-------------|----------|-------------------|-------------------|
| Wire Type   | RG174    | RTK031            | RTK044            |
| Plating     | Ag       | Ag                | Ag                |

MCA-B 2 Port 180° Unsealed Vertical Female Connector



MCA-B 2P 180° unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials : HB/V0
- Optional dress cover & CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications   | DC Current | Cable Spec  | Specification | Cable Spec |
|-----------------------|--------------------|-----------|----------------|------------|-------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | Class 1   | Antenna/Camera | 2A Max     | 2.80-3.55mm | USCAR-49      | 9GHz       |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions        | Available Codes     |
|--------|-------------|-------|--------|------|-------------------|---------------------|
| 1      | 35602523    | 180°  | F      | A    | 22.3 x 8.5 x 15.0 | A, B, C, D, E, F, Z |
| 2      | 35602524    | 180°  | F      | B    | 22.3 x 8.5 x 15.0 |                     |
| 3      | 35602525    | 180°  | F      | C    | 22.3 x 8.5 x 15.0 |                     |
| 4      | 35602526    | 180°  | F      | D    | 22.3 x 8.5 x 15.0 |                     |
| 5      | 35602527    | 180°  | F      | E    | 22.3 x 8.5 x 15.0 |                     |
| 6      | 35602528    | 180°  | F      | F    | 22.3 x 8.5 x 15.0 |                     |
| 7      | 35602529    | 180°  | F      | Z    | 22.3 x 8.5 x 15.0 |                     |

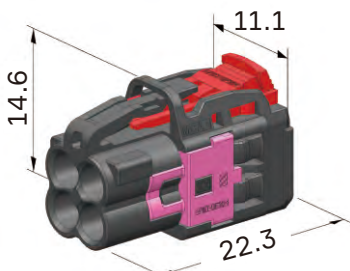
Accessory Parts

| Configuration      | 2&4port female TPA | CPA(optional) | 2port vertical female housing | 2port vertical dress cover(optional) |
|--------------------|--------------------|---------------|-------------------------------|--------------------------------------|
| Product Image      |                    |               |                               |                                      |
| Code A part number | 35601702           | 35601696      | 35601958                      | 35755951                             |

Compatible Terminals

| Part Number | 35552926 | 35552927/35572194 | 35552928/35776828 |
|-------------|----------|-------------------|-------------------|
| Wire Type   | RG174    | RTK031            | RTK044            |
| Plating     | Ag       | Ag                | Ag                |

MCA-B 4 Port 180° Unsealed Female Connector



MCA-B 4P 180° unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials : HB/V0
- Optional dress cover & CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications   | DC Current | Cable Spec  | Specification | Cable Spec |
|-----------------------|--------------------|-----------|----------------|------------|-------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | Class 1   | Antenna/Camera | 2A Max     | 2.80-3.55mm | USCAR-49      | 9GHz       |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes        |
|--------|-------------|-------|--------|------|--------------------|------------------------|
| 1      | 35602537    | 180°  | F      | A    | 22.3 x 11.1 x 14.6 | A, B, C, D, E, F, G, Z |
| 2      | 35602538    | 180°  | F      | B    | 22.3 x 11.1 x 14.6 |                        |
| 3      | 35602539    | 180°  | F      | C    | 22.3 x 11.1 x 14.6 |                        |
| 4      | 35602541    | 180°  | F      | D    | 22.3 x 11.1 x 14.6 |                        |
| 5      | 35602542    | 180°  | F      | E    | 22.3 x 11.1 x 14.6 |                        |
| 6      | 35602543    | 180°  | F      | F    | 22.3 x 11.1 x 14.6 |                        |
| 7      | 35831011    | 180°  | F      | G    | 22.3 x 11.1 x 14.6 |                        |
| 8      | 35513286    | 180°  | F      | Z    | 22.3 x 11.1 x 14.6 |                        |

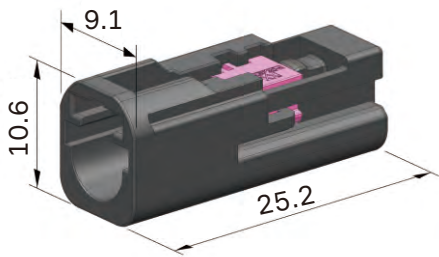
Accessory Parts

| Configuration      | 2&4port female TPA | CPA(optional) | 4port female housing | 4port dress cover(optional) |
|--------------------|--------------------|---------------|----------------------|-----------------------------|
| Product Image      |                    |               |                      |                             |
| Code A part number | 35601702           | 35601696      | 35601967             | 35755952                    |

Compatible Terminals

| Part Number | 35552926 | 35552927/35572194 | 35552928/35776828 |
|-------------|----------|-------------------|-------------------|
| Wire Type   | RG174    | RTK031            | RTK044            |
| Plating     | Ag       | Ag                | Ag                |

MCA-B 1 Port 180° Unsealed Male Connector



MCA-B 1P 180° unsealed male assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials : HB/V0
- Optional dress cover & CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications   | DC Current | Cable Spec  | Specification | Cable Spec |
|-----------------------|--------------------|-----------|----------------|------------|-------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | Class 1   | Antenna/Camera | 2A Max     | 2.80-3.55mm | USCAR-49      | 9GHz       |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions        | Available Codes                    |
|--------|-------------|-------|--------|------|-------------------|------------------------------------|
| 1      | 35602681    | 180°  | F      | A    | 25.2 x 9.1 x 10.6 | A, B, C, D, E, F, G, H, J, K, N, Z |
| 2      | 35602682    | 180°  | F      | B    | 25.2 x 9.1 x 10.6 |                                    |
| 3      | 35602683    | 180°  | F      | C    | 25.2 x 9.1 x 10.6 |                                    |
| 4      | 35602686    | 180°  | F      | D    | 25.2 x 9.1 x 10.6 |                                    |
| 5      | 35602687    | 180°  | F      | E    | 25.2 x 9.1 x 10.6 |                                    |
| 6      | 35602688    | 180°  | F      | F    | 25.2 x 9.1 x 10.6 |                                    |
| 7      | 35602689    | 180°  | F      | G    | 25.2 x 9.1 x 10.6 |                                    |
| 8      | 35602690    | 180°  | F      | H    | 25.2 x 9.1 x 10.6 |                                    |
| 9      | 35602692    | 180°  | F      | J    | 25.2 x 9.1 x 10.6 |                                    |
| 10     | 35602693    | 180°  | F      | K    | 25.2 x 9.1 x 10.6 |                                    |
| 11     | 35602694    | 180°  | F      | N    | 25.2 x 9.1 x 10.6 |                                    |
| 12     | 35513282    | 180°  | F      | Z    | 25.2 x 9.1 x 10.6 |                                    |

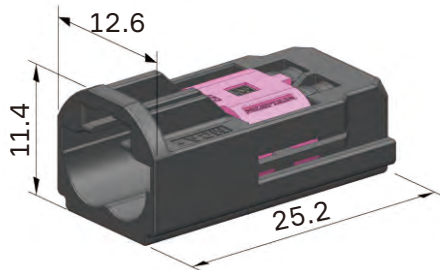
Accessory Parts

| Configuration      | 1port female&male TPA | 1port male housing without clipslot | 1port male housing with 7mm clipslot |
|--------------------|-----------------------|-------------------------------------|--------------------------------------|
| Product Image      |                       |                                     |                                      |
| Code A part number | 35601700              | 35601991                            | 35602003                             |

Compatible Terminals

| Part Number | 35594221 | 35586481/35594223 | 35776830/35586482 |
|-------------|----------|-------------------|-------------------|
| Wire Type   | RG174    | RTK031            | RTK044            |
| Plating     | Ag       | Ag                | Ag                |

MCA-B 2 Port 180° Unsealed Male Connector



MCA-B 2P 180° unsealed male assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials : HB/V0
- Clipslot (only for male)

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications   | DC Current | Cable Spec  | Specification | Cable Spec |
|-----------------------|--------------------|-----------|----------------|------------|-------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | Class 1   | Antenna/Camera | 2A Max     | 2.80-3.55mm | USCAR-49      | 9GHz       |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes                    |
|--------|-------------|-------|--------|------|--------------------|------------------------------------|
| 1      | 35602614    | 180°  | F      | A    | 25.2 x 12.6 x 11.4 | A, B, C, D, E, F, G, H, J, K, N, Z |
| 2      | 35602615    | 180°  | F      | B    | 25.2 x 12.6 x 11.4 |                                    |
| 3      | 35602616    | 180°  | F      | C    | 25.2 x 12.6 x 11.4 |                                    |
| 4      | 35602617    | 180°  | F      | D    | 25.2 x 12.6 x 11.4 |                                    |
| 5      | 35602618    | 180°  | F      | E    | 25.2 x 12.6 x 11.4 |                                    |
| 6      | 35602619    | 180°  | F      | F    | 25.2 x 12.6 x 11.4 |                                    |
| 7      | 35602620    | 180°  | F      | G    | 25.2 x 12.6 x 11.4 |                                    |
| 8      | 35602621    | 180°  | F      | H    | 25.2 x 12.6 x 11.4 |                                    |
| 9      | 35602622    | 180°  | F      | J    | 25.2 x 12.6 x 11.4 |                                    |
| 10     | 35602623    | 180°  | F      | K    | 25.2 x 12.6 x 11.4 |                                    |
| 11     | 35602624    | 180°  | F      | N    | 25.2 x 12.6 x 11.4 |                                    |
| 12     | 35602625    | 180°  | F      | Z    | 25.2 x 12.6 x 11.4 |                                    |

Accessory Parts

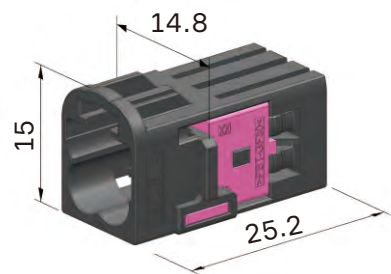
| Configuration      | 2port male TPA | 1port male housing without clipslot | 1port male housing with 7mm clipslot | 1port male housing with 11mm clipslot |
|--------------------|----------------|-------------------------------------|--------------------------------------|---------------------------------------|
| Product Image      |                |                                     |                                      |                                       |
| Code A part number | 35601704       | 35602107                            | 35602119                             | 35602133                              |

Compatible Terminals

| Part Number | 35594221 | 35586481/35594223 | 35776830/35586482 |
|-------------|----------|-------------------|-------------------|
| Wire Type   | RG174    | RTK031            | RTK044            |
| Plating     | Ag       | Ag                | Ag                |



MCA-B 4 Port 180° Unsealed Male Connector



MCA-B 4P 180° unsealed male assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials : HB/V0
- Optional dress cover & CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications   | DC Current | Cable Spec  | Specification | Cable Spec |
|-----------------------|--------------------|-----------|----------------|------------|-------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | Class 1   | Antenna/Camera | 2A Max     | 2.80-3.55mm | USCAR-49      | 9GHz       |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes        |
|--------|-------------|-------|--------|------|--------------------|------------------------|
| 1      | 35602608    | 180°  | M      | A    | 25.2 x 14.8 x 15.0 | A, B, C, D, E, F, G, Z |
| 2      | 35602609    | 180°  | M      | B    | 25.2 x 14.8 x 15.0 |                        |
| 3      | 35602610    | 180°  | M      | C    | 25.2 x 14.8 x 15.0 |                        |
| 4      | 35602611    | 180°  | M      | D    | 25.2 x 14.8 x 15.0 |                        |
| 5      | 35602612    | 180°  | M      | E    | 25.2 x 14.8 x 15.0 |                        |
| 6      | 35602613    | 180°  | M      | F    | 25.2 x 14.8 x 15.0 |                        |
| 7      | 35831015    | 180°  | M      | G    | 25.2 x 14.8 x 15.0 |                        |
| 8      | 35513288    | 180°  | M      | Z    | 25.2 x 14.8 x 15.0 |                        |

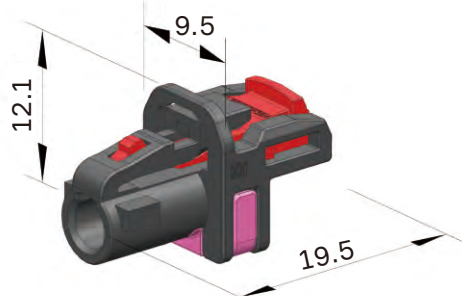
Accessory Parts

| Configuration      | 4port male TPA | 4port male housing without clipslot | 4port male housing with 7mm clipslot | 4port male housing with 11mm clipslot |
|--------------------|----------------|-------------------------------------|--------------------------------------|---------------------------------------|
| Product Image      |                |                                     |                                      |                                       |
| Code A part number | 35601705       | 35602145                            | 35602153                             | 35602162                              |

Compatible Terminals

| Part Number | 35594221 | 35586481/35594223 | 35776830/35586482 |
|-------------|----------|-------------------|-------------------|
| Wire Type   | RG174    | RTK031            | RTK044            |
| Plating     | Ag       | Ag                | Ag                |

MCA-B 1 Port 90° Unsealed Female Connector



MCA-B 1P 90° unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials : HB/V0
- Optional dress cover & CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications   | DC Current | Cable Spec  | Specification | Cable Spec |
|-----------------------|--------------------|-----------|----------------|------------|-------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | Class 1   | Antenna/Camera | 2A Max     | 2.80-3.55mm | USCAR-49      | 9GHz       |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions        | Available Codes                    |
|--------|-------------|-------|--------|------|-------------------|------------------------------------|
| 1      | 35793824    | 90°   | F      | A    | 19.5 x 9.5 x 12.1 | A, B, C, D, E, F, G, H, J, K, N, Z |
| 2      | 35793825    | 90°   | F      | B    | 19.5 x 9.5 x 12.1 |                                    |
| 3      | 35793826    | 90°   | F      | C    | 19.5 x 9.5 x 12.1 |                                    |
| 4      | 35793827    | 90°   | F      | D    | 19.5 x 9.5 x 12.1 |                                    |
| 5      | 35793828    | 90°   | F      | E    | 19.5 x 9.5 x 12.1 |                                    |
| 6      | 35793829    | 90°   | F      | F    | 19.5 x 9.5 x 12.1 |                                    |
| 7      | 35802012    | 90°   | F      | G    | 19.5 x 9.5 x 12.1 |                                    |
| 8      | 35802013    | 90°   | F      | H    | 19.5 x 9.5 x 12.1 |                                    |
| 9      | 35802014    | 90°   | F      | J    | 19.5 x 9.5 x 12.1 |                                    |
| 10     | 35802015    | 90°   | F      | K    | 19.5 x 9.5 x 12.1 |                                    |
| 11     | 35802016    | 90°   | F      | N    | 19.5 x 9.5 x 12.1 |                                    |
| 12     | 35793830    | 90°   | F      | Z    | 19.5 x 9.5 x 12.1 |                                    |

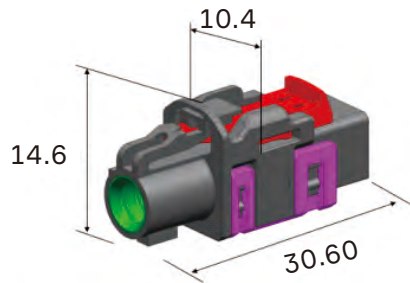
Accessory Parts

| Configuration      | 1port female TPA | CPA(optional) | 1port female housing | 1port female housing (dress cover) | 1port dress cover(optional) |
|--------------------|------------------|---------------|----------------------|------------------------------------|-----------------------------|
| Product Image      |                  |               |                      |                                    |                             |
| Code A part number | 35793832         | 35793833      | 35793814             | 35838543                           | 35838628                    |

Compatible Terminals

| Part Number | 35777427 | 35777432 | 35777425/<br>35777426 | 35777430/<br>35777431 | 35777424 | 35777429 |
|-------------|----------|----------|-----------------------|-----------------------|----------|----------|
| Part        | Short    | Long     | Short                 | Long                  | Short    | Long     |
| Wire Type   | RG174    |          | RTK031                |                       | RTK044   |          |
| Plating     | Ag       |          | Ag                    |                       | Ag       |          |

MCA-B 1 Port 180° Sealed Female Connector



MCA-B 1P 180° sealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials : HB/V0
- Optional dress cover & CPA

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications   | DC Current | Cable Spec  | Specification | Cable Spec |
|-----------------------|------------------|-----------|----------------|------------|-------------|---------------|------------|
| -40°~105°             | Class 3 (Sealed) | Class 1   | Antenna/Camera | 2A Max     | 2.80-3.55mm | USCAR-49      | 9GHz       |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes                    |
|--------|-------------|-------|--------|------|--------------------|------------------------------------|
| 1      | 35812563    | 180°  | F      | A    | 30.6 x 10.4 x 14.6 | A, B, C, D, E, F, G, H, J, K, N, Z |
| 2      | 35812564    | 180°  | F      | B    | 30.6 x 10.4 x 14.6 |                                    |
| 3      | 35812565    | 180°  | F      | C    | 30.6 x 10.4 x 14.6 |                                    |
| 4      | 35812566    | 180°  | F      | D    | 30.6 x 10.4 x 14.6 |                                    |
| 5      | 35812567    | 180°  | F      | E    | 30.6 x 10.4 x 14.6 |                                    |
| 6      | 35812568    | 180°  | F      | F    | 30.6 x 10.4 x 14.6 |                                    |
| 7      | 35812570    | 180°  | F      | G    | 30.6 x 10.4 x 14.6 |                                    |
| 8      | 35812571    | 180°  | F      | H    | 30.6 x 10.4 x 14.6 |                                    |
| 9      | 35812572    | 180°  | F      | J    | 30.6 x 10.4 x 14.6 |                                    |
| 10     | 35812573    | 180°  | F      | K    | 30.6 x 10.4 x 14.6 |                                    |
| 11     | 35812574    | 180°  | F      | N    | 30.6 x 10.4 x 14.6 |                                    |
| 12     | 35812803    | 180°  | F      | Z    | 30.6 x 10.4 x 14.6 |                                    |

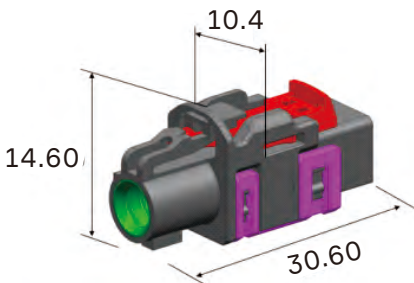
Accessory Parts

| Configuration      | 1port female ISL | 1port CPA(optional) | 1port female housing |
|--------------------|------------------|---------------------|----------------------|
| Product Image      |                  |                     |                      |
| Code A part number | 35823229         | 35453737            | 35812545             |

Compatible Terminals

|             |          |
|-------------|----------|
| Part Number | 35552926 |
| Wire Type   | RG174    |
| Plating     | Ag       |

MCA-B 1 Port 180° Sealed Female Connector



MCA-B 1P 180° sealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials : HB/V0
- Optional dress cover & CPA

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications   | DC Current | Cable Spec  | Specification | Cable Spec |
|-----------------------|------------------|-----------|----------------|------------|-------------|---------------|------------|
| -40°~105°             | Class 3 (Sealed) | Class 1   | Antenna/Camera | 2A Max     | 2.80-3.55mm | USCAR-49      | 9GHz       |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions           | Available Codes                    |
|--------|-------------|-------|--------|------|----------------------|------------------------------------|
| 1      | 35823200    | 180°  | F      | A    | 30.60 x 10.4 x 14.60 | A, B, C, D, E, F, G, H, J, K, N, Z |
| 2      | 35823201    | 180°  | F      | B    | 30.60 x 10.4 x 14.60 |                                    |
| 3      | 35823202    | 180°  | F      | C    | 30.60 x 10.4 x 14.60 |                                    |
| 4      | 35823203    | 180°  | F      | D    | 30.60 x 10.4 x 14.60 |                                    |
| 5      | 35823204    | 180°  | F      | E    | 30.60 x 10.4 x 14.60 |                                    |
| 6      | 35823205    | 180°  | F      | F    | 30.60 x 10.4 x 14.60 |                                    |
| 7      | 35823207    | 180°  | F      | G    | 30.60 x 10.4 x 14.60 |                                    |
| 8      | 35823208    | 180°  | F      | H    | 30.60 x 10.4 x 14.60 |                                    |
| 9      | 35823209    | 180°  | F      | J    | 30.60 x 10.4 x 14.60 |                                    |
| 10     | 35823210    | 180°  | F      | K    | 30.60 x 10.4 x 14.60 |                                    |
| 11     | 35823211    | 180°  | F      | N    | 30.60 x 10.4 x 14.60 |                                    |
| 12     | 35823212    | 180°  | F      | Z    | 30.60 x 10.4 x 14.60 |                                    |

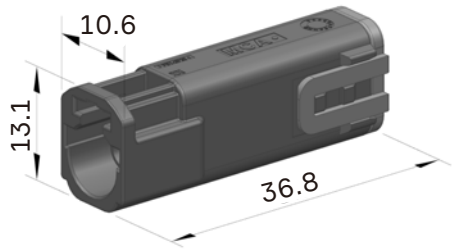
Accessory Parts

| Configuration      | 1port female ISL | 1port CPA(optional) | 1port female housing |
|--------------------|------------------|---------------------|----------------------|
| Product Image      |                  |                     |                      |
| Code A part number | 35823229         | 35453737            | 35812545             |

Compatible Terminals

|             |                   |                   |
|-------------|-------------------|-------------------|
| Part Number | 35552927/35572194 | 35552928/35776828 |
| Wire Type   | RTK031            | RTK044            |
| Plating     | Ag                | Ag                |

MCA-B 1 Port 180° Sealed Male Connector



MCA-B 1P 180° sealed male assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials : HB/V0
- Clipslot (only for male)

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications   | DC Current | Cable Spec  | Specification | Cable Spec |
|-----------------------|------------------|-----------|----------------|------------|-------------|---------------|------------|
| -40°~105°             | Class 3 (Sealed) | Class 1   | Antenna/Camera | 2A Max     | 2.80-3.55mm | USCAR-49      | 9GHz       |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes                    |
|--------|-------------|-------|--------|------|--------------------|------------------------------------|
| 1      | 35827647    | 180°  | M      | A    | 36.8 x 10.6 x 13.1 | A, B, C, D, E, F, G, H, J, K, N, Z |
| 2      | 35827648    | 180°  | M      | B    | 36.8 x 10.6 x 13.1 |                                    |
| 3      | 35827649    | 180°  | M      | C    | 36.8 x 10.6 x 13.1 |                                    |
| 4      | 35827650    | 180°  | M      | D    | 36.8 x 10.6 x 13.1 |                                    |
| 5      | 35827651    | 180°  | M      | E    | 36.8 x 10.6 x 13.1 |                                    |
| 6      | 35827652    | 180°  | M      | F    | 36.8 x 10.6 x 13.1 |                                    |
| 7      | 35827739    | 180°  | M      | G    | 36.8 x 10.6 x 13.1 |                                    |
| 8      | 35827740    | 180°  | M      | H    | 36.8 x 10.6 x 13.1 |                                    |
| 9      | 35827741    | 180°  | M      | J    | 36.8 x 10.6 x 13.1 |                                    |
| 10     | 35827742    | 180°  | M      | K    | 36.8 x 10.6 x 13.1 |                                    |
| 11     | 35827743    | 180°  | M      | N    | 36.8 x 10.6 x 13.1 |                                    |
| 12     | 35827744    | 180°  | M      | Z    | 36.8 x 10.6 x 13.1 |                                    |

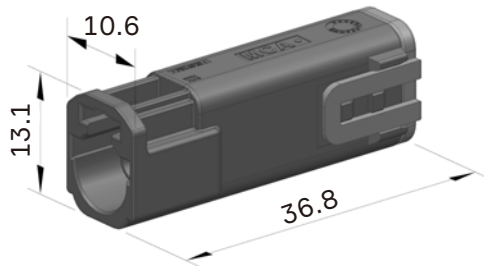
Main Part Numbers

| Configuration      | 1port male ISL | 1port male housing without clipslot | 1port male housing with 7mm clipslot | 1port male housing Retainer | 1port male seal-RG174 |
|--------------------|----------------|-------------------------------------|--------------------------------------|-----------------------------|-----------------------|
| Product Image      |                |                                     |                                      |                             |                       |
| Code A part number | 35812557       | 35827590                            | 35812576                             | 35812558                    | 35812559              |

Compatible Terminals

|             |          |
|-------------|----------|
| Part Number | 35594221 |
| Wire Type   | RG174    |
| Plating     | Ag       |

MCA-B 1 Port 180° Sealed Male Connector



MCA-B 1P 180° sealed male assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials : HB/V0
- Clipslot (only for male)

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications   | DC Current | Cable Spec  | Specification | Cable Spec |
|-----------------------|------------------|-----------|----------------|------------|-------------|---------------|------------|
| -40°~105°             | Class 3 (Sealed) | Class 1   | Antenna/Camera | 2A Max     | 2.80-3.55mm | USCAR-49      | 9GHz       |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes                    |
|--------|-------------|-------|--------|------|--------------------|------------------------------------|
| 1      | 35827745    | 180°  | M      | A    | 36.8 x 10.6 x 13.1 | A, B, C, D, E, F, G, H, J, K, N, Z |
| 2      | 35827746    | 180°  | M      | B    | 36.8 x 10.6 x 13.1 |                                    |
| 3      | 35827747    | 180°  | M      | C    | 36.8 x 10.6 x 13.1 |                                    |
| 4      | 35827748    | 180°  | M      | D    | 36.8 x 10.6 x 13.1 |                                    |
| 5      | 35827749    | 180°  | M      | E    | 36.8 x 10.6 x 13.1 |                                    |
| 6      | 35827750    | 180°  | M      | F    | 36.8 x 10.6 x 13.1 |                                    |
| 7      | 35827752    | 180°  | M      | G    | 36.8 x 10.6 x 13.1 |                                    |
| 8      | 35827753    | 180°  | M      | H    | 36.8 x 10.6 x 13.1 |                                    |
| 9      | 35827754    | 180°  | M      | J    | 36.8 x 10.6 x 13.1 |                                    |
| 10     | 35827755    | 180°  | M      | K    | 36.8 x 10.6 x 13.1 |                                    |
| 11     | 35827756    | 180°  | M      | N    | 36.8 x 10.6 x 13.1 |                                    |
| 12     | 35827757    | 180°  | M      | Z    | 36.8 x 10.6 x 13.1 |                                    |

Main Part Numbers

| Configuration      | 1port male ISL | 1port male housing without clipslot | 1port male housing with 7mm clipslot | 1port male housing Retainer | 1port male seal-RTK031/044 |
|--------------------|----------------|-------------------------------------|--------------------------------------|-----------------------------|----------------------------|
| Product Image      |                |                                     |                                      |                             |                            |
| Code A part number | 35812557       | 35827590                            | 35812576                             | 35812558                    | 35812560                   |

Compatible Terminals

|             |                   |                   |
|-------------|-------------------|-------------------|
| Part Number | 35586481/35594223 | 35776830/35586482 |
| Wire Type   | RTK031            | RTK044            |
| Plating     | Ag                | Ag                |

MCA-B 4 Port 180° Sealed Female Connector



Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials : HB/V0
- Optional dress cover & CPA

MCA-B 4P 180° sealed female assembly

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications   | DC Current | Cable Spec  | Specification | Cable Spec |
|-----------------------|------------------|-----------|----------------|------------|-------------|---------------|------------|
| -40°~105°             | Class 3 (Sealed) | Class 1   | Antenna/Camera | 2A Max     | 2.80-3.55mm | USCAR-49      | 9GHz       |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes                    |
|--------|-------------|-------|--------|------|--------------------|------------------------------------|
| 1      | 35798317    | 180°  | F      | A    | 38.6 x 22.0 x 24.6 | A, B, C, D, E, F, G, H, J, K, N, Z |
| 2      | 35798318    | 180°  | F      | B    | 38.6 x 22.0 x 24.6 |                                    |
| 3      | 35798319    | 180°  | F      | C    | 38.6 x 22.0 x 24.6 |                                    |
| 4      | 35798320    | 180°  | F      | D    | 38.6 x 22.0 x 24.6 |                                    |
| 5      | 35798321    | 180°  | F      | E    | 38.6 x 22.0 x 24.6 |                                    |
| 6      | 35798322    | 180°  | F      | F    | 38.6 x 22.0 x 24.6 |                                    |
| 7      | 35803788    | 180°  | F      | G    | 38.6 x 22.0 x 24.6 |                                    |
| 8      | 35803789    | 180°  | F      | H    | 38.6 x 22.0 x 24.6 |                                    |
| 9      | 35803790    | 180°  | F      | J    | 38.6 x 22.0 x 24.6 |                                    |
| 10     | 35803791    | 180°  | F      | K    | 38.6 x 22.0 x 24.6 |                                    |
| 11     | 35803792    | 180°  | F      | N    | 38.6 x 22.0 x 24.6 |                                    |
| 12     | 35798323    | 180°  | F      | Z    | 38.6 x 22.0 x 24.6 |                                    |

Main Part Numbers

| Configuration      | 4port female ISL | 4port CPA(optional) | 4port female housing | 4port female&male Retainer | 4port seal-RG174 |          |
|--------------------|------------------|---------------------|----------------------|----------------------------|------------------|----------|
| Product Image      |                  |                     |                      |                            |                  |          |
| Code A part number | 35798312         | 33224253            | 35798304             | 35798313                   | 35798314         | 35798316 |

Compatible Terminals

|             |          |
|-------------|----------|
| Part Number | 35552926 |
| Wire Type   | RG174    |
| Plating     | Ag       |

MCA-B 4 Port 180° Sealed Female Connector



Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials : HB/V0
- Optional dress cover & CPA

MCA-B 4P 180° sealed female assembly

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications   | DC Current | Cable Spec  | Specification | Cable Spec |
|-----------------------|------------------|-----------|----------------|------------|-------------|---------------|------------|
| -40°~105°             | Class 3 (Sealed) | Class 1   | Antenna/Camera | 2A Max     | 2.80-3.55mm | USCAR-49      | 9GHz       |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes                    |
|--------|-------------|-------|--------|------|--------------------|------------------------------------|
| 1      | 35827653    | 180°  | F      | A    | 38.6 x 22.0 x 24.6 | A, B, C, D, E, F, G, H, J, K, N, Z |
| 2      | 35827654    | 180°  | F      | B    | 38.6 x 22.0 x 24.6 |                                    |
| 3      | 35827655    | 180°  | F      | C    | 38.6 x 22.0 x 24.6 |                                    |
| 4      | 35827656    | 180°  | F      | D    | 38.6 x 22.0 x 24.6 |                                    |
| 5      | 35827657    | 180°  | F      | E    | 38.6 x 22.0 x 24.6 |                                    |
| 6      | 35827658    | 180°  | F      | F    | 38.6 x 22.0 x 24.6 |                                    |
| 7      | 35827659    | 180°  | F      | G    | 38.6 x 22.0 x 24.6 |                                    |
| 8      | 35827660    | 180°  | F      | H    | 38.6 x 22.0 x 24.6 |                                    |
| 9      | 35827661    | 180°  | F      | J    | 38.6 x 22.0 x 24.6 |                                    |
| 10     | 35827662    | 180°  | F      | K    | 38.6 x 22.0 x 24.6 |                                    |
| 11     | 35827663    | 180°  | F      | N    | 38.6 x 22.0 x 24.6 |                                    |
| 12     | 35827664    | 180°  | F      | Z    | 38.6 x 22.0 x 24.6 |                                    |

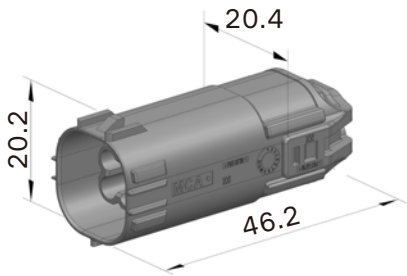
Main Part Numbers

| Configuration      | 4port female ISL | 4port CPA(optional) | 4port female housing | 4port female&male Retainer | 4port seal-RTK031/044 |          |
|--------------------|------------------|---------------------|----------------------|----------------------------|-----------------------|----------|
| Product Image      |                  |                     |                      |                            |                       |          |
| Code A part number | 35798312         | 33224253            | 35798304             | 35798313                   | 35798315              | 35798316 |

Compatible Terminals

|             |                   |                   |
|-------------|-------------------|-------------------|
| Part Number | 35552927/35572194 | 35552928/35776828 |
| Wire Type   | RTK031            | RTK044            |
| Plating     | Ag                | Ag                |

MCA-B 4 Port 180° Sealed Male Connector



MCA-B 4P 180° sealed male assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials : HB/V0
- Optional dress cover & CPA

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications   | DC Current | Cable Spec  | Specification | Cable Spec |
|-----------------------|------------------|-----------|----------------|------------|-------------|---------------|------------|
| -40°~105°             | Class 3 (Sealed) | Class 1   | Antenna/Camera | 2A Max     | 2.80-3.55mm | USCAR-49      | 9GHz       |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes                    |
|--------|-------------|-------|--------|------|--------------------|------------------------------------|
| 1      | 35827666    | 180°  | M      | A    | 46.2 x 20.4 x 20.2 | A, B, C, D, E, F, G, H, J, K, N, Z |
| 2      | 35827667    | 180°  | M      | B    | 46.2 x 20.4 x 20.2 |                                    |
| 3      | 35827668    | 180°  | M      | C    | 46.2 x 20.4 x 20.2 |                                    |
| 4      | 35827669    | 180°  | M      | D    | 46.2 x 20.4 x 20.2 |                                    |
| 5      | 35827670    | 180°  | M      | E    | 46.2 x 20.4 x 20.2 |                                    |
| 6      | 35827671    | 180°  | M      | F    | 46.2 x 20.4 x 20.2 |                                    |
| 7      | 35827672    | 180°  | M      | G    | 46.2 x 20.4 x 20.2 |                                    |
| 8      | 35827673    | 180°  | M      | H    | 46.2 x 20.4 x 20.2 |                                    |
| 9      | 35827674    | 180°  | M      | J    | 46.2 x 20.4 x 20.2 |                                    |
| 10     | 35827675    | 180°  | M      | K    | 46.2 x 20.4 x 20.2 |                                    |
| 11     | 35827676    | 180°  | M      | N    | 46.2 x 20.4 x 20.2 |                                    |
| 12     | 35827677    | 180°  | M      | Z    | 46.2 x 20.4 x 20.2 |                                    |

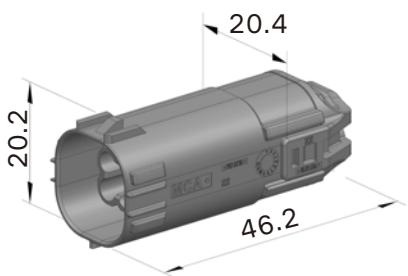
Main Part Numbers

| Configuration      | 4port male ISL | 4port malehousing without clipslot | 4port male housing with 7mm clipslot | 4port female&male housing Retainer | 4port seal-RG174 |
|--------------------|----------------|------------------------------------|--------------------------------------|------------------------------------|------------------|
| Product Image      |                |                                    |                                      |                                    |                  |
| Code A part number | 35798333       | 35826456                           | 35798325                             | 35798313                           | 35798314         |

Compatible Terminals

|             |          |
|-------------|----------|
| Part Number | 35594221 |
| Wire Type   | RG174    |
| Plating     | Ag       |

MCA-B 4 Port 180° Sealed Male Connector



MCA-B 4P 180° sealed male assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials : HB/V0
- Clipslot (only for male)

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications   | DC Current | Cable Spec  | Specification | Cable Spec |
|-----------------------|------------------|-----------|----------------|------------|-------------|---------------|------------|
| -40°~105°             | Class 3 (Sealed) | Class 1   | Antenna/Camera | 2A Max     | 2.80-3.55mm | USCAR-49      | 9GHz       |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes                    |
|--------|-------------|-------|--------|------|--------------------|------------------------------------|
| 1      | 35827690    | 180°  | M      | A    | 46.2 x 20.4 x 20.2 | A, B, C, D, E, F, G, H, J, K, N, Z |
| 2      | 35827691    | 180°  | M      | B    | 46.2 x 20.4 x 20.2 |                                    |
| 3      | 35827692    | 180°  | M      | C    | 46.2 x 20.4 x 20.2 |                                    |
| 4      | 35827693    | 180°  | M      | D    | 46.2 x 20.4 x 20.2 |                                    |
| 5      | 35827694    | 180°  | M      | E    | 46.2 x 20.4 x 20.2 |                                    |
| 6      | 35827695    | 180°  | M      | F    | 46.2 x 20.4 x 20.2 |                                    |
| 7      | 35827696    | 180°  | M      | G    | 46.2 x 20.4 x 20.2 |                                    |
| 8      | 35827697    | 180°  | M      | H    | 46.2 x 20.4 x 20.2 |                                    |
| 9      | 35827698    | 180°  | M      | J    | 46.2 x 20.4 x 20.2 |                                    |
| 10     | 35827699    | 180°  | M      | K    | 46.2 x 20.4 x 20.2 |                                    |
| 11     | 35827700    | 180°  | M      | N    | 46.2 x 20.4 x 20.2 |                                    |
| 12     | 35827701    | 180°  | M      | Z    | 46.2 x 20.4 x 20.2 |                                    |

Main Part Numbers

| Configuration      | 4port male ISL | 4port malehousing without clipslot | 4port male housing with 7mm clipslot | 4port female&male housing Retainer | 4port seal-RTK031/044 |
|--------------------|----------------|------------------------------------|--------------------------------------|------------------------------------|-----------------------|
| Product Image      |                |                                    |                                      |                                    |                       |
| Code A part number | 35798333       | 35826456                           | 35798325                             | 35798313                           | 35798315              |

Compatible Terminals

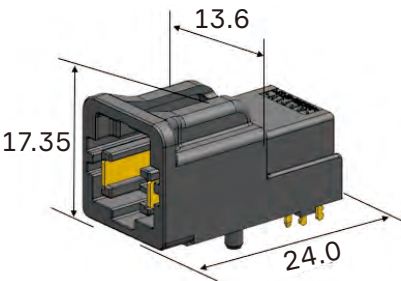
|             |                   |                   |
|-------------|-------------------|-------------------|
| Part Number | 35586481/35594223 | 35776830/35586482 |
| Wire Type   | RTK031            | RTK044            |
| Plating     | Ag                | Ag                |



## AMEC

AMEC and AMEC+ automotive ethernet connection systems can scale from 100 Mbps to 1 Gbps within the same footprint. Both series are offered as unsealed and sealed connectors. They feature a multifunctional modular design that features compact and ergonomic packaging and the flexibility to support multiple connector variants and integration into mixed connectors.

Integrated AMEC 1 Port 90° Header



AMEC 1P 90° header

Product Features

- Cost effective stamped terminals
- Basic 100 Mbps to 1 Gbps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force
- Optional Shield Pin

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

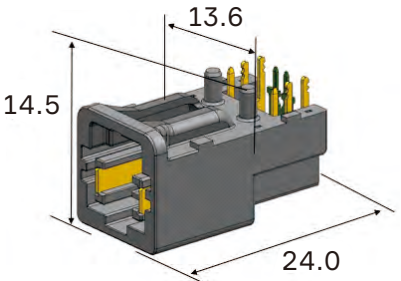
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions          | Shield | Available Codes  |
|--------|-------------|-------|--------|------|---------------------|--------|------------------|
| 1      | 35508982    | 90°   | M      | A    | 24.0 x 13.6 x 17.35 | N      | A, B, C, D, E, F |
| 2      | 35508983    | 90°   | M      | B    | 24.0 x 13.6 x 17.35 | N      |                  |
| 3      | 35508984    | 90°   | M      | C    | 24.0 x 13.6 x 17.35 | N      |                  |
| 4      | 35508986    | 90°   | M      | D    | 24.0 x 13.6 x 17.35 | N      |                  |
| 5      | 35508987    | 90°   | M      | E    | 24.0 x 13.6 x 17.35 | N      |                  |
| 6      | 35508989    | 90°   | M      | F    | 24.0 x 13.6 x 17.35 | N      |                  |
| 7      | 35508965    | 90°   | M      | A    | 24.0 x 13.6 x 17.35 | Y      |                  |
| 8      | 35508977    | 90°   | M      | B    | 24.0 x 13.6 x 17.35 | Y      |                  |
| 9      | 35508978    | 90°   | M      | C    | 24.0 x 13.6 x 17.35 | Y      |                  |
| 10     | 35508979    | 90°   | M      | D    | 24.0 x 13.6 x 17.35 | Y      |                  |
| 11     | 35508980    | 90°   | M      | E    | 24.0 x 13.6 x 17.35 | Y      |                  |
| 12     | 35508981    | 90°   | M      | F    | 24.0 x 13.6 x 17.35 | Y      |                  |

Compatible connector

| Configuration | 1port Inline female w/ CPA | 1port Inline female w/o CPA |
|---------------|----------------------------|-----------------------------|
| Product Image |                            |                             |
| Code A PN     | 35395816                   | 35624091                    |

Integrated AMEC 1 Port 90° Reverse Header



AMEC 1P 90° reverse header

Product Features

- Cost effective stamped terminals
- Basic 100 Mbps to 1 Gbps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force
- Optional Shield Pin

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

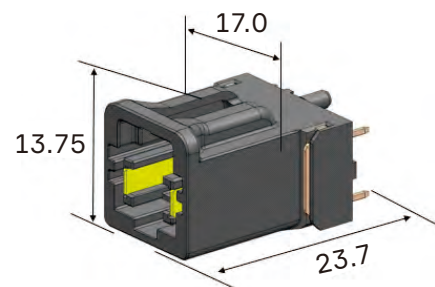
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Shield | Available Codes  |
|--------|-------------|-------|--------|------|--------------------|--------|------------------|
| 1      | 35590361    | 90°   | M      | A    | 24.0 x 13.6 x 14.5 | N      | A, B, C, D, E, F |
| 2      | 35590362    | 90°   | M      | B    | 24.0 x 13.6 x 14.5 | N      |                  |
| 3      | 35590363    | 90°   | M      | C    | 24.0 x 13.6 x 14.5 | N      |                  |
| 4      | 35590364    | 90°   | M      | D    | 24.0 x 13.6 x 14.5 | N      |                  |
| 5      | 35590367    | 90°   | M      | E    | 24.0 x 13.6 x 14.5 | N      |                  |
| 6      | 35590366    | 90°   | M      | F    | 24.0 x 13.6 x 14.5 | N      |                  |
| 7      | 35590355    | 90°   | M      | A    | 24.0 x 13.6 x 14.5 | Y      |                  |
| 8      | 35590356    | 90°   | M      | B    | 24.0 x 13.6 x 14.5 | Y      |                  |
| 9      | 35590357    | 90°   | M      | C    | 24.0 x 13.6 x 14.5 | Y      |                  |
| 10     | 35590358    | 90°   | M      | D    | 24.0 x 13.6 x 14.5 | Y      |                  |
| 11     | 35590359    | 90°   | M      | E    | 24.0 x 13.6 x 14.5 | Y      |                  |
| 12     | 35590360    | 90°   | M      | F    | 24.0 x 13.6 x 14.5 | Y      |                  |

Compatible connector

| Configuration | 1port Inline female w/ CPA | 1port Inline female w/o CPA |
|---------------|----------------------------|-----------------------------|
| Product Image |                            |                             |
| Code A PN     | 35395816                   | 35624091                    |

Integrated AMEC 1 Port 180° Header



AMEC 1P 180° header

Product Features

- Cost effective stamped terminals
- Basic 100 Mbps to 1 Gbps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force
- Optional Shield Pin

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

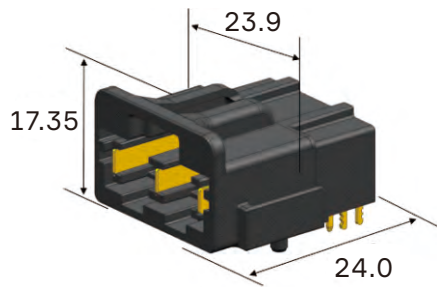
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions          | Shield | Available Codes  |
|--------|-------------|-------|--------|------|---------------------|--------|------------------|
| 1      | 35557104    | 180°  | M      | A    | 23.7 x 17.0 x 13.75 | N      | A, B, C, D, E, F |
| 2      | 35557107    | 180°  | M      | B    | 23.7 x 17.0 x 13.75 | N      |                  |
| 3      | 35557110    | 180°  | M      | C    | 23.7 x 17.0 x 13.75 | N      |                  |
| 4      | 35557118    | 180°  | M      | D    | 23.7 x 17.0 x 13.75 | N      |                  |
| 5      | 35557120    | 180°  | M      | E    | 23.7 x 17.0 x 13.75 | N      |                  |
| 6      | 35557121    | 180°  | M      | F    | 23.7 x 17.0 x 13.75 | N      |                  |
| 7      | 35557073    | 180°  | M      | A    | 23.7 x 17.0 x 13.75 | Y      |                  |
| 8      | 35557078    | 180°  | M      | B    | 23.7 x 17.0 x 13.75 | Y      |                  |
| 9      | 35557079    | 180°  | M      | C    | 23.7 x 17.0 x 13.75 | Y      |                  |
| 10     | 35557084    | 180°  | M      | D    | 23.7 x 17.0 x 13.75 | Y      |                  |
| 11     | 35557089    | 180°  | M      | E    | 23.7 x 17.0 x 13.75 | Y      |                  |
| 12     | 35603309    | 180°  | M      | F    | 23.7 x 17.0 x 13.75 | Y      |                  |

Compatible connector

| Configuration | 1port Inline female w/ CPA | 1port Inline female w/o CPA |
|---------------|----------------------------|-----------------------------|
| Product Image |                            |                             |
| Code A PN     | 35395816                   | 35624091                    |

Integrated AMEC 2 Port 90° Header



AMEC 2P 90° header

Product Features

- Cost effective stamped terminals
- Basic 100 Mbps to 1 Gbps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force
- Optional Shield Pin

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

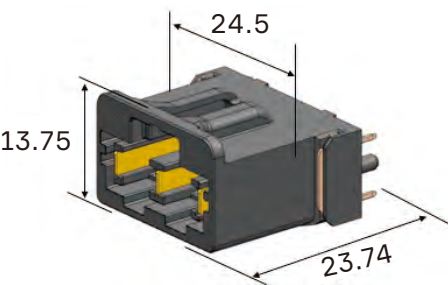
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions          | Shield | Available Codes  |
|--------|-------------|-------|--------|------|---------------------|--------|------------------|
| 1      | 35509433    | 90°   | M      | A    | 24.0 x 23.9 x 17.35 | N      | A, B, C, D, E, F |
| 2      | 35509438    | 90°   | M      | B    | 24.0 x 23.9 x 17.35 | N      |                  |
| 3      | 35509439    | 90°   | M      | C    | 24.0 x 23.9 x 17.35 | N      |                  |
| 4      | 35509440    | 90°   | M      | D    | 24.0 x 23.9 x 17.35 | N      |                  |
| 5      | 35509441    | 90°   | M      | E    | 24.0 x 23.9 x 17.35 | N      |                  |
| 6      | 35509442    | 90°   | M      | F    | 24.0 x 23.9 x 17.35 | N      |                  |
| 7      | 35508990    | 90°   | M      | A    | 24.0 x 23.9 x 17.35 | Y      |                  |
| 8      | 35508991    | 90°   | M      | B    | 24.0 x 23.9 x 17.35 | Y      |                  |
| 9      | 35508992    | 90°   | M      | C    | 24.0 x 23.9 x 17.35 | Y      |                  |
| 10     | 35508993    | 90°   | M      | D    | 24.0 x 23.9 x 17.35 | Y      |                  |
| 11     | 35508994    | 90°   | M      | E    | 24.0 x 23.9 x 17.35 | Y      |                  |
| 12     | 35508995    | 90°   | M      | F    | 24.0 x 23.9 x 17.35 | Y      |                  |

Compatible connector

| Configuration | 2port Inline female w/ CPA | 2port Inline female w/o CPA |
|---------------|----------------------------|-----------------------------|
| Product Image |                            |                             |
| Code A PN     | 35395822                   | 35623932                    |

Integrated AMEC 2 Port 180° Header



AMEC 2P 180° header

Product Features

- Cost effective stamped terminals
- Basic 100 Mbps to 1 Gbps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force
- Optional Shield Pin

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

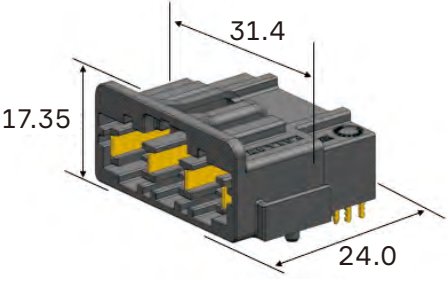
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions           | Shield | Available Codes  |
|--------|-------------|-------|--------|------|----------------------|--------|------------------|
| 1      | 35351291    | 180°  | M      | A    | 23.74 x 24.5 x 13.75 | N      | A, B, C, D, E, F |
| 2      | 35351292    | 180°  | M      | B    | 23.74 x 24.5 x 13.75 | N      |                  |
| 3      | 35351293    | 180°  | M      | C    | 23.74 x 24.5 x 13.75 | N      |                  |
| 4      | 35351294    | 180°  | M      | D    | 23.74 x 24.5 x 13.75 | N      |                  |
| 5      | 35351295    | 180°  | M      | E    | 23.74 x 24.5 x 13.75 | N      |                  |
| 6      | 35351296    | 180°  | M      | F    | 23.74 x 24.5 x 13.75 | N      |                  |
| 7      | 35351280    | 180°  | M      | A    | 23.74 x 24.5 x 13.75 | Y      |                  |
| 8      | 35351281    | 180°  | M      | B    | 23.74 x 24.5 x 13.75 | Y      |                  |
| 9      | 35351282    | 180°  | M      | C    | 23.74 x 24.5 x 13.75 | Y      |                  |
| 10     | 35351283    | 180°  | M      | D    | 23.74 x 24.5 x 13.75 | Y      |                  |
| 11     | 35351284    | 180°  | M      | E    | 23.74 x 24.5 x 13.75 | Y      |                  |
| 12     | 35351285    | 180°  | M      | F    | 23.74 x 24.5 x 13.75 | Y      |                  |

Compatible connector

| Configuration | 2port Inline female w/ CPA | 2port Inline female w/o CPA |
|---------------|----------------------------|-----------------------------|
| Product Image |                            |                             |
| Code A PN     | 35395822                   | 35623932                    |

Integrated AMEC 3 Port 90° Header



AMEC 3P 90° header

Product Features

- Cost effective stamped terminals
- Basic 100 Mbps to 1 Gbps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force
- Optional Shield Pin

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

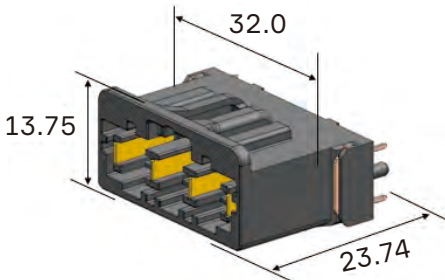
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions          | Shield | Available Codes |
|--------|-------------|-------|--------|------|---------------------|--------|-----------------|
| 1      | 35210713    | 90°   | M      | A    | 24.0 x 31.4 x 17.35 | N      | A, B            |
| 2      | 35210714    | 90°   | M      | B    | 24.0 x 31.4 x 17.35 | N      |                 |
| 3      | 35210700    | 90°   | M      | A    | 24.0 x 31.4 x 17.35 | Y      |                 |
| 4      | 35210701    | 90°   | M      | B    | 24.0 x 31.4 x 17.35 | Y      |                 |

Compatible connector

| Configuration | 3port Inline female w/ CPA | 3port Inline female w/o CPA |
|---------------|----------------------------|-----------------------------|
| Product Image |                            |                             |
| Code A PN     | 35395828                   | 35623932                    |

Integrated AMEC 3 Port 180° Header



AMEC 3P 180° header

Product Features

- Cost effective stamped terminals
- Basic 100 Mbps to 1 Gbps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force
- Optional Shield Pin

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

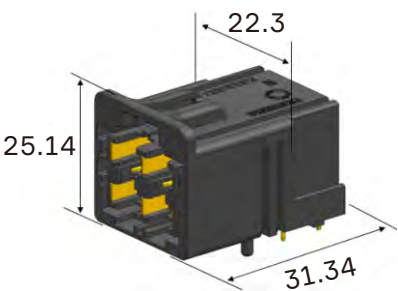
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions           | Shield | Available Codes |
|--------|-------------|-------|--------|------|----------------------|--------|-----------------|
| 1      | 35369309    | 180°  | M      | A    | 23.74 x 32.0 x 13.75 | N      | A, B            |
| 2      | 35369310    | 180°  | M      | B    | 23.74 x 32.0 x 13.75 | N      |                 |
| 3      | 35369307    | 180°  | M      | A    | 23.74 x 32.0 x 13.75 | Y      |                 |
| 4      | 35369308    | 180°  | M      | B    | 23.74 x 32.0 x 13.75 | Y      |                 |

Compatible connector

| Configuration | 3port Inline female w/ CPA | 3port Inline female w/o CPA |
|---------------|----------------------------|-----------------------------|
| Product Image |                            |                             |
| Code A PN     | 35395828                   | 35623932                    |

Integrated AMEC 4 Port 90° Header



AMEC 4P 90° header

Product Features

- Cost effective stamped terminals
- Basic 100 Mbps to 1 Gbps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force
- Optional Shield Pin

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

Main Part Numbers

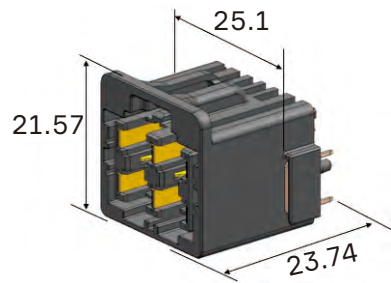
| Number | Part Number | Angle | Gender | Code | Dimensions           | Shield | Available Codes |
|--------|-------------|-------|--------|------|----------------------|--------|-----------------|
| 1      | 35570119    | 90°   | M      | A    | 31.34 x 22.3 x 25.14 | N      | A, B, C, D      |
| 2      | 35570120    | 90°   | M      | B    | 31.34 x 22.3 x 25.14 | N      |                 |
| 3      | 35613812    | 90°   | M      | C    | 31.34 x 22.3 x 25.14 | N      |                 |
| 4      | 35613813    | 90°   | M      | D    | 31.34 x 22.3 x 25.14 | N      |                 |
| 5      | 35569507    | 90°   | M      | A    | 31.34 x 22.3 x 25.14 | Y      |                 |
| 6      | 35570118    | 90°   | M      | B    | 31.34 x 22.3 x 25.14 | Y      |                 |
| 7      | 35613810    | 90°   | M      | C    | 31.34 x 22.3 x 25.14 | Y      |                 |
| 8      | 35613811    | 90°   | M      | D    | 31.34 x 22.3 x 25.14 | Y      |                 |

Compatible connector

| Configuration | 4port Inline female w/ CPA | 4port Inline female w/o CPA |
|---------------|----------------------------|-----------------------------|
| Product Image |                            |                             |
| Code A PN     | 35623595                   | 35570183                    |



Integrated AMEC 4 Port 180° Header



AMEC 4P 180° header

Product Features

- Cost effective stamped terminals
- Basic 100 Mbps to 1 Gbps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force
- Optional Shield Pin

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

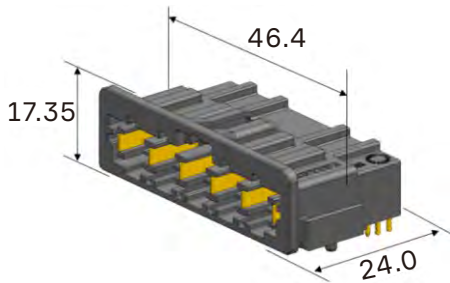
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions           | Clipslot | Available Codes |
|--------|-------------|-------|--------|------|----------------------|----------|-----------------|
| 1      | 35639334    | 180°  | M      | A    | 23.74 x 25.1 x 21.57 | N        | A, B, C, D      |
| 2      | 35639335    | 180°  | M      | B    | 23.74 x 25.1 x 21.57 | N        |                 |
| 3      | 35639336    | 180°  | M      | C    | 23.74 x 25.1 x 21.57 | N        |                 |
| 4      | 35639337    | 180°  | M      | D    | 23.74 x 25.1 x 21.57 | N        |                 |
| 5      | 35619991    | 180°  | M      | A    | 23.74 x 25.1 x 21.57 | Y        |                 |
| 6      | 35619992    | 180°  | M      | B    | 23.74 x 25.1 x 21.57 | Y        |                 |
| 7      | 35619993    | 180°  | M      | C    | 23.74 x 25.1 x 21.57 | Y        |                 |
| 8      | 35619994    | 180°  | M      | D    | 23.74 x 25.1 x 21.57 | Y        |                 |

Compatible connector

| Configuration | 4port Inline female w/ CPA | 4port Inline female w/o CPA |
|---------------|----------------------------|-----------------------------|
| Product Image |                            |                             |
| Code A PN     | 35623595                   | 35570183                    |

Integrated AMEC 5 Port 180° Header



AMEC 5P 180° header

Product Features

- Cost effective stamped terminals
- Basic 100 Mbps to 1 Gbps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force
- Optional Shield Pin

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

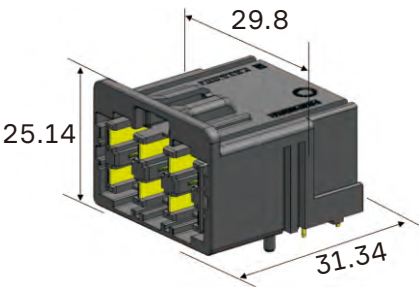
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions          | Shield | Available Codes  |
|--------|-------------|-------|--------|------|---------------------|--------|------------------|
| 1      | 35191748    | 90°   | M      | A    | 24.0 x 46.4 x 17.35 | N      | A, B, C, D, E, F |
| 2      | 35191749    | 90°   | M      | B    | 24.0 x 46.4 x 17.35 | N      |                  |
| 3      | 35191750    | 90°   | M      | C    | 24.0 x 46.4 x 17.35 | N      |                  |
| 4      | 35191751    | 90°   | M      | D    | 24.0 x 46.4 x 17.35 | N      |                  |
| 5      | 35191752    | 90°   | M      | E    | 24.0 x 46.4 x 17.35 | N      |                  |
| 6      | 35191753    | 90°   | M      | F    | 24.0 x 46.4 x 17.35 | N      |                  |
| 7      | 35191742    | 90°   | M      | A    | 24.0 x 46.4 x 17.35 | Y      |                  |
| 8      | 35191743    | 90°   | M      | B    | 24.0 x 46.4 x 17.35 | Y      |                  |
| 9      | 35191744    | 90°   | M      | C    | 24.0 x 46.4 x 17.35 | Y      |                  |
| 10     | 35191745    | 90°   | M      | D    | 24.0 x 46.4 x 17.35 | Y      |                  |
| 11     | 35191746    | 90°   | M      | E    | 24.0 x 46.4 x 17.35 | Y      |                  |
| 12     | 35191747    | 90°   | M      | F    | 24.0 x 46.4 x 17.35 | Y      |                  |

Compatible connector

| Configuration | 5port Inline female w/ CPA | 5port Inline female w/ CPA |
|---------------|----------------------------|----------------------------|
| Product Image |                            |                            |
| Code A PN     | 35395822                   | 35623932                   |

Integrated AMEC 6 Port 90° Header



AMEC 6P 90° header

Product Features

- Cost effective stamped terminals
- Basic 100 Mbps to 1 Gbps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force
- Optional Shield Pin

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

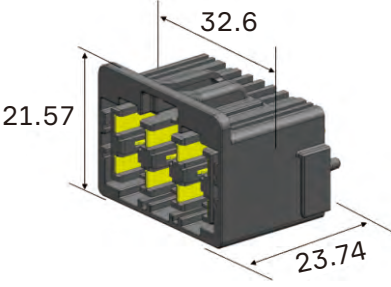
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions           | Shield | Available Codes |
|--------|-------------|-------|--------|------|----------------------|--------|-----------------|
| 1      | 35256826    | 90°   | M      | A    | 31.34 x 29.8 x 25.14 | N      | A, B            |
| 2      | 35256827    | 90°   | M      | B    | 31.34 x 29.8 x 25.14 | N      |                 |
| 3      | 35256824    | 90°   | M      | A    | 31.34 x 29.8 x 25.14 | Y      |                 |
| 4      | 35256825    | 90°   | M      | B    | 31.34 x 29.8 x 25.14 | Y      |                 |

Compatible connector

| Configuration | 6port Inline female w/ CPA | 6port Inline female w/o CPA |
|---------------|----------------------------|-----------------------------|
| Product Image |                            |                             |
| Code A PN     | 35544649                   | 35237404                    |

Integrated AMEC 6 Port 180° Header



AMEC 6P 180° header

Product Features

- Cost effective stamped terminals
- Basic 100 Mbps to 1 Gbps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force
- Optional Shield Pin

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

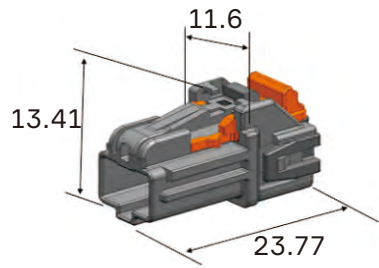
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions           | Shield | Available Codes |
|--------|-------------|-------|--------|------|----------------------|--------|-----------------|
| 1      | 35237402    | 180°  | M      | A    | 23.74 x 32.6 x 21.57 | N      | A, B            |
| 2      | 35237403    | 180°  | M      | B    | 23.74 x 32.6 x 21.57 | N      |                 |
| 3      | 35237400    | 180°  | M      | A    | 23.74 x 32.6 x 21.57 | Y      |                 |
| 4      | 35237401    | 180°  | M      | B    | 23.74 x 32.6 x 21.57 | Y      |                 |

Compatible connector

| Configuration | 6port Inline female w/ CPA | 6port Inline female w/o CPA |
|---------------|----------------------------|-----------------------------|
| Product Image |                            |                             |
| Code A PN     | 35544649                   | 35237404                    |

Integrated AMEC 1 Port Unsealed Female Connector



AMEC 1P unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions           | CPA | Available Codes     |
|--------|-------------|-------|--------|------|----------------------|-----|---------------------|
| 1      | 35624091    | 180°  | F      | A    | 23.77 x 11.6 x 13.41 | N   | A, B, C, D, E, F, Z |
| 2      | 35624092    | 180°  | F      | B    | 23.77 x 11.6 x 13.41 | N   |                     |
| 3      | 35624093    | 180°  | F      | C    | 23.77 x 11.6 x 13.41 | N   |                     |
| 4      | 35624094    | 180°  | F      | D    | 23.77 x 11.6 x 13.41 | N   |                     |
| 5      | 35624095    | 180°  | F      | E    | 23.77 x 11.6 x 13.41 | N   |                     |
| 6      | 35624096    | 180°  | F      | F    | 23.77 x 11.6 x 13.41 | N   |                     |
| 7      | 35734313    | 180°  | F      | Z    | 23.77 x 11.6 x 13.41 | N   |                     |
| 8      | 35395816    | 180°  | F      | A    | 23.77 x 11.6 x 13.41 | Y   |                     |
| 9      | 35395817    | 180°  | F      | B    | 23.77 x 11.6 x 13.41 | Y   |                     |
| 10     | 35395818    | 180°  | F      | C    | 23.77 x 11.6 x 13.41 | Y   |                     |
| 11     | 35395819    | 180°  | F      | D    | 23.77 x 11.6 x 13.41 | Y   |                     |
| 12     | 35395820    | 180°  | F      | E    | 23.77 x 11.6 x 13.41 | Y   |                     |
| 13     | 35395821    | 180°  | F      | F    | 23.77 x 11.6 x 13.41 | Y   |                     |
| 14     | 35734310    | 180°  | F      | Z    | 23.77 x 11.6 x 13.41 | Y   |                     |

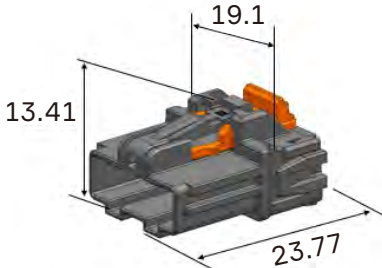
Accessory Parts

| Configuration      | CPA(optional) | 1port female housing | 1port COV |
|--------------------|---------------|----------------------|-----------|
| Product Image      |               |                      |           |
| Code A part number | 35542683      | 35558284             | 35238688  |

Compatible Terminals

| Part Number | 35239706  | 35355087   |
|-------------|-----------|------------|
| Wire Type   | DACAR-546 | DACAR647-4 |
| Plating     | Ni+Sn     | Ni+Sn      |

Integrated AMEC 2 Port Unsealed Female Connector



AMEC 2P unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions           | CPA | Available Codes     |
|--------|-------------|-------|--------|------|----------------------|-----|---------------------|
| 1      | 35623932    | 180°  | F      | A    | 23.77 x 19.1 x 13.41 | N   | A, B, C, D, E, F, Z |
| 2      | 35623933    | 180°  | F      | B    | 23.77 x 19.1 x 13.41 | N   |                     |
| 3      | 35623934    | 180°  | F      | C    | 23.77 x 19.1 x 13.41 | N   |                     |
| 4      | 35623935    | 180°  | F      | D    | 23.77 x 19.1 x 13.41 | N   |                     |
| 5      | 35623936    | 180°  | F      | E    | 23.77 x 19.1 x 13.41 | N   |                     |
| 6      | 35623938    | 180°  | F      | F    | 23.77 x 19.1 x 13.41 | N   |                     |
| 7      | 35735911    | 180°  | F      | Z    | 23.77 x 19.1 x 13.41 | N   |                     |
| 8      | 35395822    | 180°  | F      | A    | 23.77 x 19.1 x 13.41 | Y   |                     |
| 9      | 35395823    | 180°  | F      | B    | 23.77 x 19.1 x 13.41 | Y   |                     |
| 10     | 35395824    | 180°  | F      | C    | 23.77 x 19.1 x 13.41 | Y   |                     |
| 11     | 35395825    | 180°  | F      | D    | 23.77 x 19.1 x 13.41 | Y   |                     |
| 12     | 35395826    | 180°  | F      | E    | 23.77 x 19.1 x 13.41 | Y   |                     |
| 13     | 35395827    | 180°  | F      | F    | 23.77 x 19.1 x 13.41 | Y   |                     |
| 14     | 35735909    | 180°  | F      | Z    | 23.77 x 19.1 x 13.41 | Y   |                     |

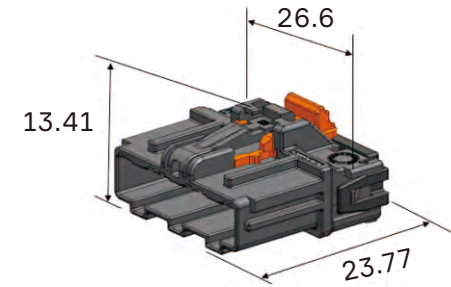
Accessory Parts

| Configuration      | CPA(optional) | 2port female housing | 2port COV |
|--------------------|---------------|----------------------|-----------|
| Product Image      |               |                      |           |
| Code A part number | 35542683      | 35561263             | 35259073  |

Compatible Terminals

| Part Number | 35239706  | 35355087   |
|-------------|-----------|------------|
| Wire Type   | DACAR-546 | DACAR647-4 |
| Plating     | Ni+Sn     | Ni+Sn      |

Integrated AMEC 3 Port Unsealed Female Connector



AMEC 3P unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions           | CPA | Available Codes     |
|--------|-------------|-------|--------|------|----------------------|-----|---------------------|
| 1      | 35210756    | 180°  | F      | A    | 23.77 x 26.6 x 13.41 | N   | A, B, C, D, E, F, Z |
| 2      | 35210757    | 180°  | F      | B    | 23.77 x 26.6 x 13.41 | N   |                     |
| 3      | 35542652    | 180°  | F      | C    | 23.77 x 26.6 x 13.41 | N   |                     |
| 4      | 35542653    | 180°  | F      | D    | 23.77 x 26.6 x 13.41 | N   |                     |
| 5      | 35542655    | 180°  | F      | E    | 23.77 x 26.6 x 13.41 | N   |                     |
| 6      | 35542657    | 180°  | F      | F    | 23.77 x 26.6 x 13.41 | N   |                     |
| 7      | 35735932    | 180°  | F      | Z    | 23.77 x 26.6 x 13.41 | N   |                     |
| 8      | 35395828    | 180°  | F      | A    | 23.77 x 26.6 x 13.41 | Y   |                     |
| 9      | 35395829    | 180°  | F      | B    | 23.77 x 26.6 x 13.41 | Y   |                     |
| 10     | 35395830    | 180°  | F      | C    | 23.77 x 26.6 x 13.41 | Y   |                     |
| 11     | 35395831    | 180°  | F      | D    | 23.77 x 26.6 x 13.41 | Y   |                     |
| 12     | 35395832    | 180°  | F      | E    | 23.77 x 26.6 x 13.41 | Y   |                     |
| 13     | 35395833    | 180°  | F      | F    | 23.77 x 26.6 x 13.41 | Y   |                     |
| 14     | 35735931    | 180°  | F      | Z    | 23.77 x 26.6 x 13.41 | Y   |                     |

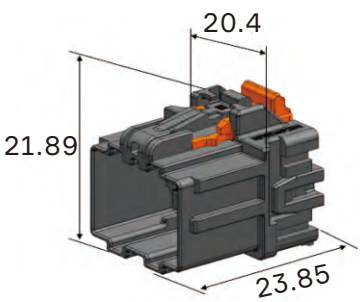
Accessory Parts

| Configuration      | CPA(optional) | 3port female housing | 3port COV |
|--------------------|---------------|----------------------|-----------|
| Product Image      |               |                      |           |
| Code A part number | 35542683      | 35527219             | 35381001  |

Compatible Terminals

|             |           |            |
|-------------|-----------|------------|
| Part Number | 35239706  | 35355087   |
| Wire Type   | DACAR-546 | DACAR647-4 |
| Plating     | Ni+Sn     | Ni+Sn      |

Integrated AMEC 4 Port Unsealed Female Connector



AMEC 4P unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions           | CPA | Available Codes |
|--------|-------------|-------|--------|------|----------------------|-----|-----------------|
| 1      | 35570183    | 180°  | F      | A    | 23.85 x 20.4 x 21.89 | N   | A, B, C, D,     |
| 2      | 35570184    | 180°  | F      | B    | 23.85 x 20.4 x 21.89 | N   |                 |
| 3      | 35613814    | 180°  | F      | C    | 23.85 x 20.4 x 21.89 | N   |                 |
| 4      | 35613815    | 180°  | F      | D    | 23.85 x 20.4 x 21.89 | N   |                 |
| 8      | 35623595    | 180°  | F      | A    | 23.85 x 20.4 x 21.89 | Y   |                 |
| 9      | 35623596    | 180°  | F      | B    | 23.85 x 20.4 x 21.89 | Y   |                 |
| 10     | 35623597    | 180°  | F      | C    | 23.85 x 20.4 x 21.89 | Y   |                 |
| 11     | 35623598    | 180°  | F      | D    | 23.85 x 20.4 x 21.89 | Y   |                 |

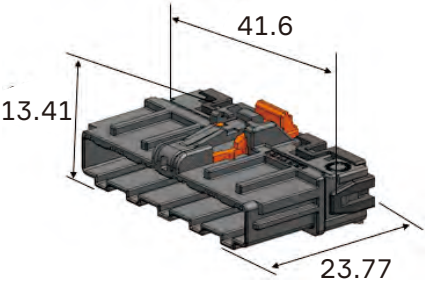
Accessory Parts

| Configuration      | CPA(optional) | 4port female housing | 4port COV |
|--------------------|---------------|----------------------|-----------|
| Product Image      |               |                      |           |
| Code A part number | 35542683      | 35582871             | 35582854  |

Compatible Terminals

|             |           |            |
|-------------|-----------|------------|
| Part Number | 35239706  | 35355087   |
| Wire Type   | DACAR-546 | DACAR647-4 |
| Plating     | Ni+Sn     | Ni+Sn      |

Integrated AMEC 5 Port Unsealed Female Connector



AMEC 5P unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions           | CPA | Available Codes |
|--------|-------------|-------|--------|------|----------------------|-----|-----------------|
| 1      | 35191796    | 180°  | F      | A    | 23.77 x 41.6 x 13.41 | N   | A, B,           |
| 2      | 35191797    | 180°  | F      | B    | 23.77 x 41.6 x 13.41 | N   |                 |
| 8      | 35544404    | 180°  | F      | A    | 23.77 x 41.6 x 13.41 | Y   |                 |
| 9      | 35544407    | 180°  | F      | B    | 23.77 x 41.6 x 13.41 | Y   |                 |

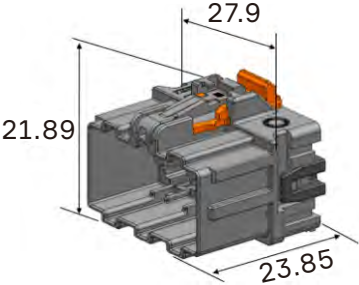
Accessory Parts

| Configuration      | CPA(optional) | 5port female housing | 5port COV |
|--------------------|---------------|----------------------|-----------|
| Product Image      |               |                      |           |
| Code A part number | 35542683      | 35409809             | 35381002  |

Compatible Terminals

| Part Number | 35239706  | 35355087   |
|-------------|-----------|------------|
| Wire Type   | DACAR-546 | DACAR647-4 |
| Plating     | Ni+Sn     | Ni+Sn      |

Integrated AMEC 6 Port Unsealed Female Connector



AMEC 6P unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions           | CPA | Available Codes |
|--------|-------------|-------|--------|------|----------------------|-----|-----------------|
| 1      | 35237404    | 180°  | F      | A    | 23.85 x 27.9 x 21.89 | N   | A, B,           |
| 2      | 35237405    | 180°  | F      | B    | 23.85 x 27.9 x 21.89 | N   |                 |
| 8      | 35544649    | 180°  | F      | A    | 23.85 x 27.9 x 21.89 | Y   |                 |
| 9      | 35544650    | 180°  | F      | B    | 23.85 x 27.9 x 21.89 | Y   |                 |

Accessory Parts

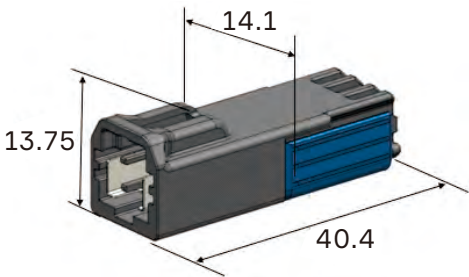
| Configuration      | CPA(optional) | 6port female housing | 6port COV |
|--------------------|---------------|----------------------|-----------|
| Product Image      |               |                      |           |
| Code A part number | 35542683      | 35582883             | 35381003  |

Compatible Terminals

| Part Number | 35239706  | 35355087   |
|-------------|-----------|------------|
| Wire Type   | DACAR-546 | DACAR647-4 |
| Plating     | Ni+Sn     | Ni+Sn      |



Integrated AMEC 1 Port Unsealed Male Connector without Clip Slot



AMEC 1P unsealed male assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional Shield Frame
- Optional Clip slot

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions          | Shield | Available Codes     |
|--------|-------------|-------|--------|------|---------------------|--------|---------------------|
| 1      | 35394909    | 180   | M      | A    | 40.4 x 14.1 x 13.75 | N      | A, B, C, D, E, F, Z |
| 2      | 35394910    | 180°  | M      | B    | 40.4 x 14.1 x 13.75 | N      |                     |
| 3      | 35394911    | 180°  | M      | C    | 40.4 x 14.1 x 13.75 | N      |                     |
| 4      | 35394912    | 180°  | M      | D    | 40.4 x 14.1 x 13.75 | N      |                     |
| 5      | 35394913    | 180°  | M      | E    | 40.4 x 14.1 x 13.75 | N      |                     |
| 6      | 35394914    | 180°  | M      | F    | 40.4 x 14.1 x 13.75 | N      |                     |
| 7      | 35733527    | 180°  | M      | Z    | 40.4 x 14.1 x 13.75 | N      |                     |
| 8      | 35385027    | 180°  | M      | A    | 40.4 x 14.1 x 13.75 | Y      |                     |
| 9      | 35385028    | 180°  | M      | B    | 40.4 x 14.1 x 13.75 | Y      |                     |
| 10     | 35385029    | 180°  | M      | C    | 40.4 x 14.1 x 13.75 | Y      |                     |
| 11     | 35385030    | 180°  | M      | D    | 40.4 x 14.1 x 13.75 | Y      |                     |
| 12     | 35385031    | 180°  | M      | E    | 40.4 x 14.1 x 13.75 | Y      |                     |
| 13     | 35385032    | 180°  | M      | F    | 40.4 x 14.1 x 13.75 | Y      |                     |
| 14     | 35733525    | 180°  | M      | Z    | 40.4 x 14.1 x 13.75 | Y      |                     |

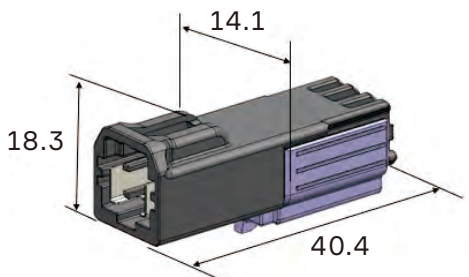
Accessory Parts

| Configuration      | Shield Frame (optional) | 1port female housing | 1port COV |
|--------------------|-------------------------|----------------------|-----------|
| Product Image      |                         |                      |           |
| Code A part number | 35584922                | 35500477             | 35500545  |

Compatible Terminals

| Part Number   | 35195966          | 35195964          | 35508557          | 35340091          |
|---------------|-------------------|-------------------|-------------------|-------------------|
| Configuration | UTP Male Terminal | STP Male Terminal | STP Outer Ferrule | STP Inner Ferrule |
| Wire Type     | DACAR-546         | DACAR647-4        | DACAR647-4        | DACAR647-4        |
| Plating       | Ni+Sn             | Ni+Sn             | Ni+Sn             | Ni+Sn             |

Integrated AMEC 1 Port Unsealed Male Connector with Clip Slot



AMEC 1P unsealed male assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional Shield Frame
- Optional Clip slot

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Shield | Available Codes     |
|--------|-------------|-------|--------|------|--------------------|--------|---------------------|
| 1      | 35435075    | 180°  | M      | A    | 40.4 x 14.1 x 18.3 | N      | A, B, C, D, E, F, Z |
| 2      | 35435076    | 180°  | M      | B    | 40.4 x 14.1 x 18.3 | N      |                     |
| 3      | 35435077    | 180°  | M      | C    | 40.4 x 14.1 x 18.3 | N      |                     |
| 4      | 35435078    | 180°  | M      | D    | 40.4 x 14.1 x 18.3 | N      |                     |
| 5      | 35435079    | 180°  | M      | E    | 40.4 x 14.1 x 18.3 | N      |                     |
| 6      | 35435080    | 180°  | M      | F    | 40.4 x 14.1 x 18.3 | N      |                     |
| 7      | 35733528    | 180°  | M      | Z    | 40.4 x 14.1 x 18.3 | N      |                     |
| 8      | 35435069    | 180°  | M      | A    | 40.4 x 14.1 x 18.3 | Y      |                     |
| 9      | 35435070    | 180°  | M      | B    | 40.4 x 14.1 x 18.3 | Y      |                     |
| 10     | 35435071    | 180°  | M      | C    | 40.4 x 14.1 x 18.3 | Y      |                     |
| 11     | 35435072    | 180°  | M      | D    | 40.4 x 14.1 x 18.3 | Y      |                     |
| 12     | 35435073    | 180°  | M      | E    | 40.4 x 14.1 x 18.3 | Y      |                     |
| 13     | 35435074    | 180°  | M      | F    | 40.4 x 14.1 x 18.3 | Y      |                     |
| 14     | 35733526    | 180°  | M      | Z    | 40.4 x 14.1 x 18.3 | Y      |                     |

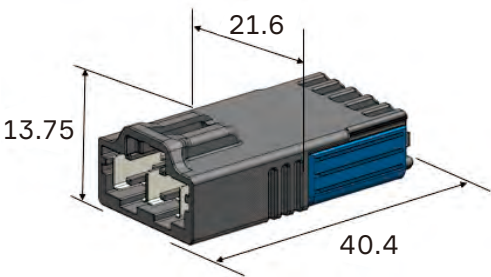
Accessory Parts

| Configuration      | Shield Frame (optional) | 1port female housing | 1port COV |
|--------------------|-------------------------|----------------------|-----------|
| Product Image      |                         |                      |           |
| Code A part number | 35584922                | 35500477             | 35500546  |

Compatible Terminals

| Part Number   | 35195966          | 35195964          | 35508557          | 35340091          |
|---------------|-------------------|-------------------|-------------------|-------------------|
| Configuration | UTP Male Terminal | STP Male Terminal | STP Outer Ferrule | STP Inner Ferrule |
| Wire Type     | DACAR-546         | DACAR647-4        | DACAR647-4        | DACAR647-4        |
| Plating       | Ni+Sn             | Ni+Sn             | Ni+Sn             | Ni+Sn             |

Integrated AMEC 2 Port Unsealed Male Connector without Clip Slot



AMEC 2P unsealed male assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional Shield Frame
- Optional Clip slot

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions          | Shield | Available Codes     |
|--------|-------------|-------|--------|------|---------------------|--------|---------------------|
| 1      | 35622022    | 180°  | M      | A    | 40.4 x 21.6 x 13.75 | N      | A, B, C, D, E, F, Z |
| 2      | 35622023    | 180°  | M      | B    | 40.4 x 21.6 x 13.75 | N      |                     |
| 3      | 35622024    | 180°  | M      | C    | 40.4 x 21.6 x 13.75 | N      |                     |
| 4      | 35622025    | 180°  | M      | D    | 40.4 x 21.6 x 13.75 | N      |                     |
| 5      | 35622026    | 180°  | M      | E    | 40.4 x 21.6 x 13.75 | N      |                     |
| 6      | 35622027    | 180°  | M      | F    | 40.4 x 21.6 x 13.75 | N      |                     |
| 7      | 35735905    | 180°  | M      | Z    | 40.4 x 21.6 x 13.75 | N      |                     |
| 8      | 35622013    | 180°  | M      | A    | 40.4 x 21.6 x 13.75 | Y      |                     |
| 9      | 35622014    | 180°  | M      | B    | 40.4 x 21.6 x 13.75 | Y      |                     |
| 10     | 35622016    | 180°  | M      | C    | 40.4 x 21.6 x 13.75 | Y      |                     |
| 11     | 35622018    | 180°  | M      | D    | 40.4 x 21.6 x 13.75 | Y      |                     |
| 12     | 35622019    | 180°  | M      | E    | 40.4 x 21.6 x 13.75 | Y      |                     |
| 13     | 35622020    | 180°  | M      | F    | 40.4 x 21.6 x 13.75 | Y      |                     |
| 14     | 35735903    | 180°  | M      | Z    | 40.4 x 21.6 x 13.75 | Y      |                     |

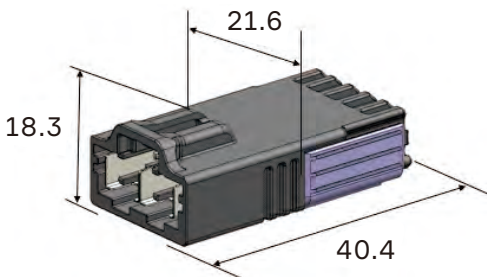
Accessory Parts

| Configuration      | Shield Frame (optional) | 2port female housing | 2port COV |
|--------------------|-------------------------|----------------------|-----------|
| Product Image      |                         |                      |           |
| Code A part number | 35584922                | 35611224             | 35611235  |

Compatible Terminals

| Part Number   | 35195966          | 35195964          | 35508557          | 35340091          |
|---------------|-------------------|-------------------|-------------------|-------------------|
| Configuration | UTP Male Terminal | STP Male Terminal | STP Outer Ferrule | STP Inner Ferrule |
| Wire Type     | DACAR-546         | DACAR647-4        | DACAR647-4        | DACAR647-4        |
| Plating       | Ni+Sn             | Ni+Sn             | Ni+Sn             | Ni+Sn             |

Integrated AMEC 2 Port Unsealed Male Connector with Clip Slot



AMEC 2P unsealed male assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional Shield Frame
- Optional Clip slot

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Shield | Available Codes     |
|--------|-------------|-------|--------|------|--------------------|--------|---------------------|
| 1      | 35394915    | 180°  | M      | A    | 40.4 x 21.6 x 18.3 | N      | A, B, C, D, E, F, Z |
| 2      | 35394916    | 180°  | M      | B    | 40.4 x 21.6 x 18.3 | N      |                     |
| 3      | 35394917    | 180°  | M      | C    | 40.4 x 21.6 x 18.3 | N      |                     |
| 4      | 35394918    | 180°  | M      | D    | 40.4 x 21.6 x 18.3 | N      |                     |
| 5      | 35394919    | 180°  | M      | E    | 40.4 x 21.6 x 18.3 | N      |                     |
| 6      | 35394920    | 180°  | M      | F    | 40.4 x 21.6 x 18.3 | N      |                     |
| 7      | 35735904    | 180°  | M      | Z    | 40.4 x 21.6 x 18.3 | N      |                     |
| 8      | 35391011    | 180°  | M      | A    | 40.4 x 21.6 x 18.3 | Y      |                     |
| 9      | 35391012    | 180°  | M      | B    | 40.4 x 21.6 x 18.3 | Y      |                     |
| 10     | 35391013    | 180°  | M      | C    | 40.4 x 21.6 x 18.3 | Y      |                     |
| 11     | 35391014    | 180°  | M      | D    | 40.4 x 21.6 x 18.3 | Y      |                     |
| 12     | 35391015    | 180°  | M      | E    | 40.4 x 21.6 x 18.3 | Y      |                     |
| 13     | 35391016    | 180°  | M      | F    | 40.4 x 21.6 x 18.3 | Y      |                     |
| 14     | 35735897    | 180°  | M      | Z    | 40.4 x 21.6 x 18.3 | Y      |                     |

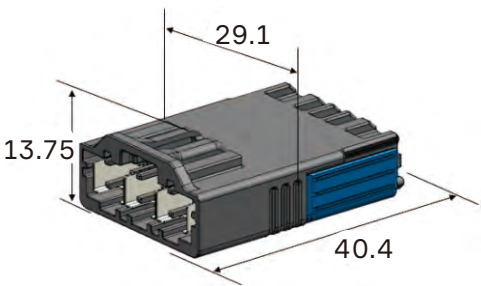
Accessory Parts

| Configuration      | Shield Frame (optional) | 2port female housing | 2port COV |
|--------------------|-------------------------|----------------------|-----------|
| Product Image      |                         |                      |           |
| Code A part number | 35584922                | 35611224             | 35584922  |

Compatible Terminals

| Part Number   | 35195966          | 35195964          | 35508557          | 35340091          |
|---------------|-------------------|-------------------|-------------------|-------------------|
| Configuration | UTP Male Terminal | STP Male Terminal | STP Outer Ferrule | STP Inner Ferrule |
| Wire Type     | DACAR-546         | DACAR647-4        | DACAR647-4        | DACAR647-4        |
| Plating       | Ni+Sn             | Ni+Sn             | Ni+Sn             | Ni+Sn             |

Integrated AMEC 3 Port Unsealed Male Connector without Clip Slot



AMEC 3P unsealed male assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional Shield Frame
- Optional Clip slot

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions          | Shield | Available Codes     |
|--------|-------------|-------|--------|------|---------------------|--------|---------------------|
| 1      | 35547046    | 180°  | M      | A    | 40.4 x 29.1 x 13.75 | N      | A, B, C, D, E, F, Z |
| 2      | 35547047    | 180°  | M      | B    | 40.4 x 29.1 x 13.75 | N      |                     |
| 3      | 35547048    | 180°  | M      | C    | 40.4 x 29.1 x 13.75 | N      |                     |
| 4      | 35547049    | 180°  | M      | D    | 40.4 x 29.1 x 13.75 | N      |                     |
| 5      | 35547052    | 180°  | M      | E    | 40.4 x 29.1 x 13.75 | N      |                     |
| 6      | 35547054    | 180°  | M      | F    | 40.4 x 29.1 x 13.75 | N      |                     |
| 7      | 35735924    | 180°  | M      | Z    | 40.4 x 29.1 x 13.75 | N      |                     |
| 8      | 35547040    | 180°  | M      | A    | 40.4 x 29.1 x 13.75 | Y      |                     |
| 9      | 35547041    | 180°  | M      | B    | 40.4 x 29.1 x 13.75 | Y      |                     |
| 10     | 35547042    | 180°  | M      | C    | 40.4 x 29.1 x 13.75 | Y      |                     |
| 11     | 35547043    | 180°  | M      | D    | 40.4 x 29.1 x 13.75 | Y      |                     |
| 12     | 35547044    | 180°  | M      | E    | 40.4 x 29.1 x 13.75 | Y      |                     |
| 13     | 35547045    | 180°  | M      | F    | 40.4 x 29.1 x 13.75 | Y      |                     |
| 14     | 35735920    | 180°  | M      | Z    | 40.4 x 29.1 x 13.75 | Y      |                     |

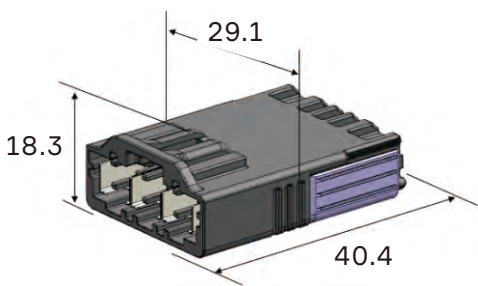
Accessory Parts

| Configuration      | Shield Frame (optional) | 3port female housing | 3port COV |
|--------------------|-------------------------|----------------------|-----------|
| Product Image      |                         |                      |           |
| Code A part number | 35584922                | 35586908             | 35547120  |

Compatible Terminals

| Part Number   | 35195966          | 35195964          | 35508557          | 35340091          |
|---------------|-------------------|-------------------|-------------------|-------------------|
| Configuration | UTP Male Terminal | STP Male Terminal | STP Outer Ferrule | STP Inner Ferrule |
| Wire Type     | DACAR-546         | DACAR647-4        | DACAR647-4        | DACAR647-4        |
| Plating       | Ni+Sn             | Ni+Sn             | Ni+Sn             | Ni+Sn             |

Integrated AMEC 3 Port Unsealed Male Connector with Clip Slot



AMEC 3P unsealed male assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional Shield Frame
- Optional Clip slot

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Shield | Available Codes     |
|--------|-------------|-------|--------|------|--------------------|--------|---------------------|
| 1      | 35394922    | 180°  | M      | A    | 40.4 x 29.1 x 18.3 | N      | A, B, C, D, E, F, Z |
| 2      | 35394923    | 180°  | M      | B    | 40.4 x 29.1 x 18.3 | N      |                     |
| 3      | 35394924    | 180°  | M      | C    | 40.4 x 29.1 x 18.3 | N      |                     |
| 4      | 35394925    | 180°  | M      | D    | 40.4 x 29.1 x 18.3 | N      |                     |
| 5      | 35394926    | 180°  | M      | E    | 40.4 x 29.1 x 18.3 | N      |                     |
| 6      | 35394928    | 180°  | M      | F    | 40.4 x 29.1 x 18.3 | N      |                     |
| 7      | 35735922    | 180°  | M      | Z    | 40.4 x 29.1 x 18.3 | N      |                     |
| 8      | 35391019    | 180°  | M      | A    | 40.4 x 29.1 x 18.3 | Y      |                     |
| 9      | 35391020    | 180°  | M      | B    | 40.4 x 29.1 x 18.3 | Y      |                     |
| 10     | 35391021    | 180°  | M      | C    | 40.4 x 29.1 x 18.3 | Y      |                     |
| 11     | 35391022    | 180°  | M      | D    | 40.4 x 29.1 x 18.3 | Y      |                     |
| 12     | 35391023    | 180°  | M      | E    | 40.4 x 29.1 x 18.3 | Y      |                     |
| 13     | 35391024    | 180°  | M      | F    | 40.4 x 29.1 x 18.3 | Y      |                     |
| 14     | 35735916    | 180°  | M      | Z    | 40.4 x 29.1 x 18.3 | Y      |                     |

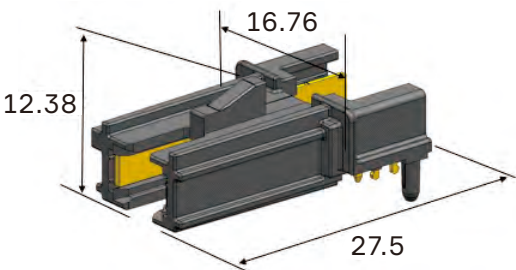
Accessory Parts

| Configuration      | Shield Frame (optional) | 3port female housing | 3port COV |
|--------------------|-------------------------|----------------------|-----------|
| Product Image      |                         |                      |           |
| Code A part number | 35584922                | 35586908             | 35547122  |

Compatible Terminals

| Part Number   | 35195966          | 35195964          | 35508557          | 35340091          |
|---------------|-------------------|-------------------|-------------------|-------------------|
| Configuration | UTP Male Terminal | STP Male Terminal | STP Outer Ferrule | STP Inner Ferrule |
| Wire Type     | DACAR-546         | DACAR647-4        | DACAR647-4        | DACAR647-4        |
| Plating       | Ni+Sn             | Ni+Sn             | Ni+Sn             | Ni+Sn             |

Standard AMEC 1 Port 90° Header



AMEC 1P 90° header

Product Features

- Cost effective stamped terminals
- Basic 100 Mbps to 1 Gbps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

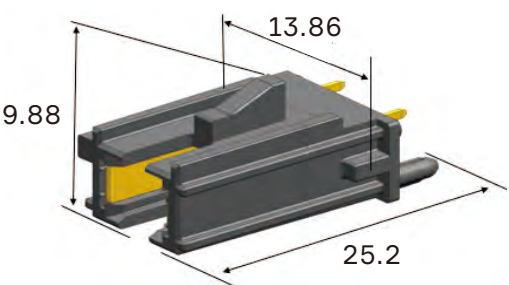
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions           | Shield | Available Codes           |
|--------|-------------|-------|--------|------|----------------------|--------|---------------------------|
| 1      | 35115873    | 90°   | M      | A    | 27.5 x 16.76 x 12.38 | Y      | A, B, C, D, E, F, G, H, I |
| 2      | 35115874    | 90°   | M      | B    | 27.5 x 16.76 x 12.38 | Y      |                           |
| 3      | 35115875    | 90°   | M      | C    | 27.5 x 16.76 x 12.38 | Y      |                           |
| 4      | 35115876    | 90°   | M      | D    | 27.5 x 16.76 x 12.38 | Y      |                           |
| 5      | 35115877    | 90°   | M      | E    | 27.5 x 16.76 x 12.38 | Y      |                           |
| 6      | 35115878    | 90°   | M      | F    | 27.5 x 16.76 x 12.38 | Y      |                           |
| 7      | 35151363    | 90°   | M      | G    | 27.5 x 16.76 x 12.38 | Y      |                           |
| 8      | 35151364    | 90°   | M      | H    | 27.5 x 16.76 x 12.38 | Y      |                           |
| 9      | 35151365    | 90°   | M      | I    | 27.5 x 16.76 x 12.38 | Y      |                           |

Compatible Connector

| Configuration | 1port Inline female w/ CPA | 1port Inline female w/o CPA |
|---------------|----------------------------|-----------------------------|
| Product Image |                            |                             |
| Code A PN     | 35122188                   | 35102284                    |

Standard AMEC 1 Port 180° Header



AMEC 1P 180° header

Product Features

- Cost effective stamped terminals
- Basic 100 Mbps to 1 Gbps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

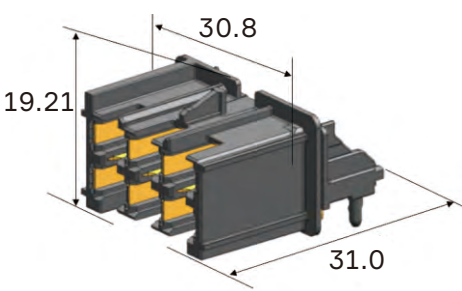
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions          | Shield | Available Codes  |
|--------|-------------|-------|--------|------|---------------------|--------|------------------|
| 1      | 35107344    | 180°  | M      | A    | 25.2 x 13.86 x 9.88 | Y      | A, B, C, D, E, F |
| 2      | 35107345    | 180°  | M      | B    | 25.2 x 13.86 x 9.88 | Y      |                  |
| 3      | 35107346    | 180°  | M      | C    | 25.2 x 13.86 x 9.88 | Y      |                  |
| 4      | 35107347    | 180°  | M      | D    | 25.2 x 13.86 x 9.88 | Y      |                  |
| 5      | 35107348    | 180°  | M      | E    | 25.2 x 13.86 x 9.88 | Y      |                  |
| 6      | 35107349    | 180°  | M      | F    | 25.2 x 13.86 x 9.88 | Y      |                  |

Compatible Connector

| Configuration | 1port Inline female w/ CPA | 1port Inline female w/o CPA |
|---------------|----------------------------|-----------------------------|
| Product Image |                            |                             |
| Code A PN     | 35122188                   | 35102284                    |

Standard AMEC 6 Port 90° Header Connector



AMEC 6P 90° header

Product Features

- Cost effective stamped terminals
- Basic 100 Mbps to 1 Gbps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

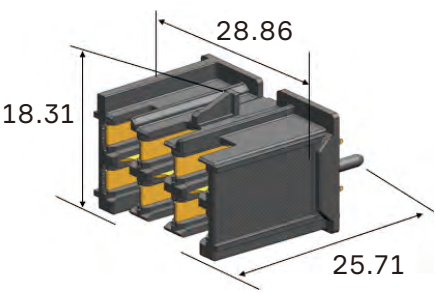
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions          | Shield | Available Codes        |
|--------|-------------|-------|--------|------|---------------------|--------|------------------------|
| 1      | 35187616    | 90°   | M      | A    | 31.0 x 30.8 x 19.21 | N      | A, B, C, D, E, F, G, H |
| 2      | 35187617    | 90°   | M      | B    | 31.0 x 30.8 x 19.21 | N      |                        |
| 3      | 35187618    | 90°   | M      | C    | 31.0 x 30.8 x 19.21 | N      |                        |
| 4      | 35187619    | 90°   | M      | D    | 31.0 x 30.8 x 19.21 | N      |                        |
| 5      | 35187620    | 90°   | M      | E    | 31.0 x 30.8 x 19.21 | N      |                        |
| 6      | 35187621    | 90°   | M      | F    | 31.0 x 30.8 x 19.21 | N      |                        |
| 7      | 35187622    | 90°   | M      | G    | 31.0 x 30.8 x 19.21 | N      |                        |
| 8      | 35187623    | 90°   | M      | H    | 31.0 x 30.8 x 19.21 | N      |                        |
| 9      | 35187608    | 90°   | M      | A    | 31.0 x 30.8 x 19.21 | Y      |                        |
| 10     | 35187609    | 90°   | M      | B    | 31.0 x 30.8 x 19.21 | Y      |                        |
| 11     | 35187610    | 90°   | M      | C    | 31.0 x 30.8 x 19.21 | Y      |                        |
| 12     | 35187611    | 90°   | M      | D    | 31.0 x 30.8 x 19.21 | Y      |                        |
| 13     | 35187612    | 90°   | M      | E    | 31.0 x 30.8 x 19.21 | Y      |                        |
| 14     | 35187613    | 90°   | M      | F    | 31.0 x 30.8 x 19.21 | Y      |                        |
| 15     | 35187614    | 90°   | M      | G    | 31.0 x 30.8 x 19.21 | Y      |                        |
| 16     | 35187615    | 90°   | M      | H    | 31.0 x 30.8 x 19.21 | Y      |                        |

Compatible Connector

| Configuration | 6port Inline female w/ CPA | 6port Inline female w/o CPA |
|---------------|----------------------------|-----------------------------|
| Product Image |                            |                             |
| Code A PN     | 35143301                   | 35129616                    |

Standard AMEC 6 Port 180° Header Connector



AMEC 6P 180° header

Product Features

- Cost effective stamped terminals
- Basic 100 Mbps to 1 Gbps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

Main Part Numbers

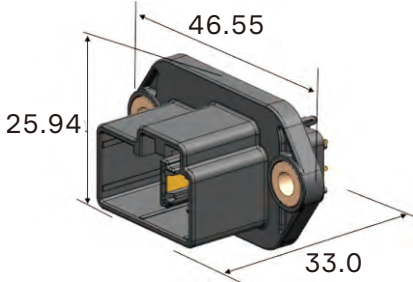
| Number | Part Number | Angle | Gender | Code | Dimensions            | Shield | Available Codes        |
|--------|-------------|-------|--------|------|-----------------------|--------|------------------------|
| 1      | 35151961    | 180°  | M      | A    | 25.71 x 28.86 x 18.31 | N      | A, B, C, D, E, F, G, H |
| 2      | 35151962    | 180°  | M      | B    | 25.71 x 28.86 x 18.31 | N      |                        |
| 3      | 35151964    | 180°  | M      | C    | 25.71 x 28.86 x 18.31 | N      |                        |
| 4      | 35151965    | 180°  | M      | D    | 25.71 x 28.86 x 18.31 | N      |                        |
| 5      | 35151966    | 180°  | M      | E    | 25.71 x 28.86 x 18.31 | N      |                        |
| 6      | 35151967    | 180°  | M      | F    | 25.71 x 28.86 x 18.31 | N      |                        |
| 7      | 35151968    | 180°  | M      | G    | 25.71 x 28.86 x 18.31 | N      |                        |
| 8      | 35151969    | 180°  | M      | H    | 25.71 x 28.86 x 18.31 | N      |                        |
| 9      | 35151704    | 180°  | M      | A    | 25.71 x 28.86 x 18.31 | Y      |                        |
| 10     | 35151705    | 180°  | M      | B    | 25.71 x 28.86 x 18.31 | Y      |                        |
| 11     | 35151706    | 180°  | M      | C    | 25.71 x 28.86 x 18.31 | Y      |                        |
| 12     | 35151707    | 180°  | M      | D    | 25.71 x 28.86 x 18.31 | Y      |                        |
| 13     | 35151709    | 180°  | M      | E    | 25.71 x 28.86 x 18.31 | Y      |                        |
| 14     | 35151710    | 180°  | M      | F    | 25.71 x 28.86 x 18.31 | Y      |                        |
| 15     | 35151711    | 180°  | M      | G    | 25.71 x 28.86 x 18.31 | Y      |                        |
| 16     | 35151712    | 180°  | M      | H    | 25.71 x 28.86 x 18.31 | Y      |                        |

Compatible Connector

| Configuration | 6port Inline female w/ CPA | 6port Inline female w/o CPA |
|---------------|----------------------------|-----------------------------|
| Product Image |                            |                             |
| Code A PN     | 35143301                   | 35129616                    |



Standard AMEC 4+1 Port 180° Header



AMEC 4+1P 180° header

Product Features

- Cost effective stamped terminals
- Basic 100 Mbps to 1 Gbps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

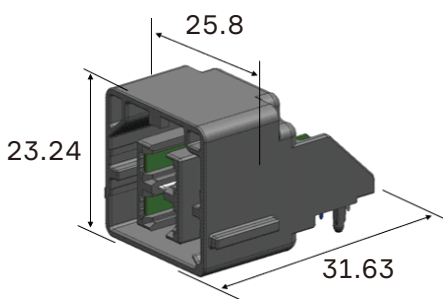
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions           | Shield | Available Codes |
|--------|-------------|-------|--------|------|----------------------|--------|-----------------|
| 1      | 35489507    | 180°  | M      | A    | 33.0 x 46.55 x 25.94 | Y      | A, B, C, D,     |
| 2      | 35489508    | 180°  | M      | B    | 33.0 x 46.55 x 25.94 | Y      |                 |
| 3      | 35489509    | 180°  | M      | C    | 33.0 x 46.55 x 25.94 | Y      |                 |
| 4      | 35489510    | 180°  | M      | D    | 33.0 x 46.55 x 25.94 | Y      |                 |

Compatible Connector

|               |                              |
|---------------|------------------------------|
| Configuration | 4+1port Inline female w/ CPA |
| Product Image |                              |
| Code A PN     | 35637725                     |

Standard AMEC 8+2 Port 90° Header



AMEC 8+2P 90° header

Product Features

- Cost effective stamped terminals
- Basic 100 Mbps to 1 Gbps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

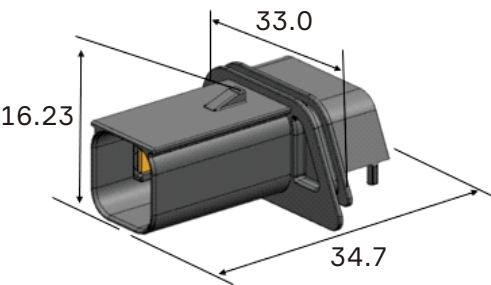
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions           | Shield | Available Codes |
|--------|-------------|-------|--------|------|----------------------|--------|-----------------|
| 1      | 35332159    | 90°   | M      | A    | 31.63 x 25.8 x 23.24 | Y      | A, B,           |
| 2      | 35332160    | 90°   | M      | B    | 31.63 x 25.8 x 23.24 | Y      |                 |

Compatible Connector

|               |                              |                               |
|---------------|------------------------------|-------------------------------|
| Configuration | 8+2port Inline female w/ CPA | 8+2port Inline female w/o CPA |
| Product Image |                              |                               |
| Code A PN     | 35552567                     | 35315265                      |

Standard AMEC 1 Port 90° Sealed Header



AMEC 1P 90° sealed header

Product Features

- Cost effective stamped terminals
- Basic 100 Mbps to 1 Gbps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 2 (Sealed) | V1b       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

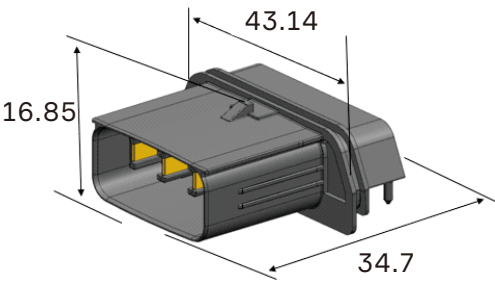
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions          | Shield | Available Codes  |
|--------|-------------|-------|--------|------|---------------------|--------|------------------|
| 1      | 35158419    | 90°   | M      | A    | 34.7 x 33.0 x 16.23 | Y      | A, B, C, D, E, F |
| 2      | 35158420    | 90°   | M      | B    | 34.7 x 33.0 x 16.23 | Y      |                  |
| 3      | 35158421    | 90°   | M      | C    | 34.7 x 33.0 x 16.23 | Y      |                  |
| 4      | 35158422    | 90°   | M      | D    | 34.7 x 33.0 x 16.23 | Y      |                  |
| 5      | 35158423    | 90°   | M      | E    | 34.7 x 33.0 x 16.23 | Y      |                  |
| 6      | 35158424    | 90°   | M      | F    | 34.7 x 33.0 x 16.23 | Y      |                  |

Compatible Connector

| Configuration | 1port Inline female w/ CPA | 1port Inline female w/o CPA |
|---------------|----------------------------|-----------------------------|
| Product Image |                            |                             |
| Code A PN     | 35212796                   | 35255750                    |

Standard AMEC 3 Port 90° Sealed Header



AMEC 3P 90° sealed header

Product Features

- Cost effective stamped terminals
- Basic 100 Mbps to 1 Gbps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 2 (Sealed) | V1b       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

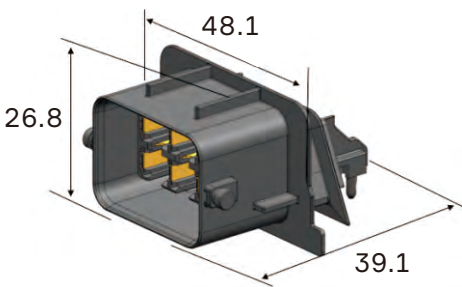
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions           | Shield | Available Codes |
|--------|-------------|-------|--------|------|----------------------|--------|-----------------|
| 1      | 35169901    | 90°   | M      | A    | 34.7 x 43.14 x 16.85 | Y      | A, B, C, D,     |
| 2      | 35169902    | 90°   | M      | B    | 34.7 x 43.14 x 16.85 | Y      |                 |
| 3      | 35169903    | 90°   | M      | C    | 34.7 x 43.14 x 16.85 | Y      |                 |
| 4      | 35169904    | 90°   | M      | D    | 34.7 x 43.14 x 16.85 | Y      |                 |

Compatible Connector

| Configuration | 3port Inline female w/ CPA | 3port Inline female w/o CPA |
|---------------|----------------------------|-----------------------------|
| Product Image |                            |                             |
| Code A PN     | 35169937                   | 35230723                    |

Standard AMEC 6 Port 90° Sealed Header



AMEC 6P 90° sealed header

Product Features

- Cost effective stamped terminals
- Basic 100 Mbps to 1 Gbps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 2 (Sealed) | V1b       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Shield | Available Codes |
|--------|-------------|-------|--------|------|--------------------|--------|-----------------|
| 1      | 35330619    | 90°   | M      | A    | 39.1 x 48.1 x 26.8 | Y      | A, B            |
| 2      | 35381999    | 90°   | M      | B    | 39.1 x 48.1 x 26.8 | Y      |                 |

Compatible Connector

|               |                     |  |
|---------------|---------------------|--|
| Configuration | 6port Inline female |  |
| Product Image |                     |  |
| Code A PN     | 35230723            |  |

Standard AMEC 2+1 Port 90° Sealed Header



AMEC 2+1P 90° sealed header

Product Features

- Cost effective stamped terminals
- Basic 100 Mbps to 1 Gbps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 2 (Sealed) | V1b       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

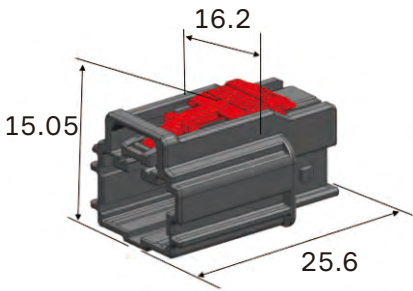
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions           | Shield | Available Codes        |
|--------|-------------|-------|--------|------|----------------------|--------|------------------------|
| 1      | 35642710    | 180°  | M      | A    | 32.72 x 46.38 x 27.9 | Y      | A, B, C, D, E, F, G, H |
| 2      | 35650708    | 180°  | M      | B    | 32.72 x 46.38 x 27.9 | Y      |                        |
| 3      | 35650710    | 180°  | M      | C    | 32.72 x 46.38 x 27.9 | Y      |                        |
| 4      | 35650711    | 180°  | M      | D    | 32.72 x 46.38 x 27.9 | Y      |                        |
| 5      | 35650712    | 180°  | M      | E    | 32.72 x 46.38 x 27.9 | Y      |                        |
| 6      | 35650713    | 180°  | M      | F    | 32.72 x 46.38 x 27.9 | Y      |                        |
| 7      | 35650715    | 180°  | M      | G    | 32.72 x 46.38 x 27.9 | Y      |                        |
| 8      | 35650716    | 180°  | M      | H    | 32.72 x 46.38 x 27.9 | Y      |                        |

Compatible Connector

|               |                              |           |
|---------------|------------------------------|-----------|
| Configuration | 2+1port Inline female w/ CPA | Pin Block |
| Product Image |                              |           |
| Code A PN     | 35552155                     | 35643160  |

Standard AMEC 1 Port Unsealed Female Connector



AMEC 1P unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Robust multiple key codes
- Ergonomic tactile feedback
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions          | CPA | Available Codes     |
|--------|-------------|-------|--------|------|---------------------|-----|---------------------|
| 1      | 35102284    | 180°  | F      | A    | 25.6 x 16.2 x 15.05 | N   | A, B, C, D, E, F, Z |
| 2      | 35102285    | 180°  | F      | B    | 25.6 x 16.2 x 15.05 | N   |                     |
| 3      | 35102286    | 180°  | F      | C    | 25.6 x 16.2 x 15.05 | N   |                     |
| 4      | 35102287    | 180°  | F      | D    | 25.6 x 16.2 x 15.05 | N   |                     |
| 5      | 35102288    | 180°  | F      | E    | 25.6 x 16.2 x 15.05 | N   |                     |
| 6      | 35102289    | 180°  | F      | F    | 25.6 x 16.2 x 15.05 | N   |                     |
| 7      | 35102290    | 180°  | F      | Z    | 25.6 x 16.2 x 15.05 | N   |                     |
| 8      | 35122188    | 180°  | F      | A    | 25.6 x 16.2 x 15.05 | Y   |                     |
| 9      | 35122189    | 180°  | F      | B    | 25.6 x 16.2 x 15.05 | Y   |                     |
| 10     | 35122190    | 180°  | F      | C    | 25.6 x 16.2 x 15.05 | Y   |                     |
| 11     | 35122191    | 180°  | F      | D    | 25.6 x 16.2 x 15.05 | Y   |                     |
| 12     | 35122192    | 180°  | F      | E    | 25.6 x 16.2 x 15.05 | Y   |                     |
| 13     | 35122193    | 180°  | F      | F    | 25.6 x 16.2 x 15.05 | Y   |                     |
| 14     | 35122194    | 180°  | F      | Z    | 25.6 x 16.2 x 15.05 | Y   |                     |

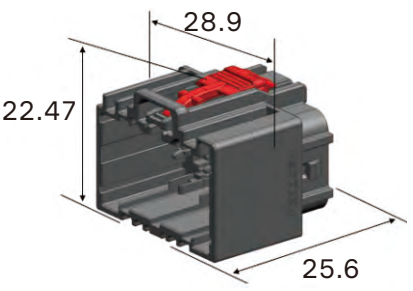
Accessory Parts

| Configuration      | CPA(optional)                                                                       | 1port female housing                                                                |
|--------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Product Image      |  |  |
| Code A part number | 33224253                                                                            | 35102284                                                                            |

Compatible Terminals

| Part Number | 35239706  | 35355087   |
|-------------|-----------|------------|
| Wire Type   | DACAR-546 | DACAR647-4 |
| Plating     | Ni+Sn     | Ni+Sn      |

Standard AMEC 6 Port Unsealed Female Connector



AMEC 6P unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Robust multiple key codes
- Ergonomic tactile feedback
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions          | CPA | Available Codes        |
|--------|-------------|-------|--------|------|---------------------|-----|------------------------|
| 1      | 35129616    | 180°  | F      | A    | 25.6 x 28.9 x 22.47 | N   | A, B, C, D, E, F, G, H |
| 2      | 35129617    | 180°  | F      | B    | 25.6 x 28.9 x 22.47 | N   |                        |
| 3      | 35143147    | 180°  | F      | C    | 25.6 x 28.9 x 22.47 | N   |                        |
| 4      | 35143084    | 180°  | F      | D    | 25.6 x 28.9 x 22.47 | N   |                        |
| 5      | 35143136    | 180°  | F      | E    | 25.6 x 28.9 x 22.47 | N   |                        |
| 6      | 35143138    | 180°  | F      | F    | 25.6 x 28.9 x 22.47 | N   |                        |
| 7      | 35143145    | 180°  | F      | G    | 25.6 x 28.9 x 22.47 | N   |                        |
| 8      | 35143148    | 180°  | F      | H    | 25.6 x 28.9 x 22.47 | N   |                        |
| 9      | 35143301    | 180°  | F      | A    | 25.6 x 28.9 x 22.47 | Y   |                        |
| 10     | 35143299    | 180°  | F      | B    | 25.6 x 28.9 x 22.47 | Y   |                        |
| 11     | 35143298    | 180°  | F      | C    | 25.6 x 28.9 x 22.47 | Y   |                        |
| 12     | 35143302    | 180°  | F      | D    | 25.6 x 28.9 x 22.47 | Y   |                        |
| 13     | 35143291    | 180°  | F      | E    | 25.6 x 28.9 x 22.47 | Y   |                        |
| 14     | 35143318    | 180°  | F      | F    | 25.6 x 28.9 x 22.47 | Y   |                        |
| 15     | 35143292    | 180°  | F      | G    | 25.6 x 28.9 x 22.47 | Y   |                        |
| 16     | 35143300    | 180°  | F      | H    | 25.6 x 28.9 x 22.47 | Y   |                        |

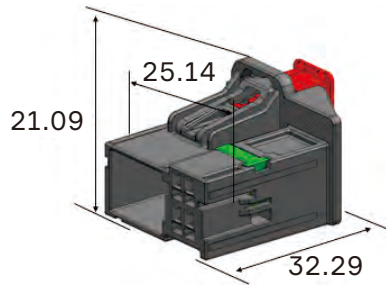
Accessory Parts

| Configuration      | CPA(optional)                                                                         | 6port female housing                                                                  |
|--------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Product Image      |  |  |
| Code A part number | 33224253                                                                              | 35129616                                                                              |

Compatible Terminals

| Part Number | 35239706  | 35355087   |
|-------------|-----------|------------|
| Wire Type   | DACAR-546 | DACAR647-4 |
| Plating     | Ni+Sn     | Ni+Sn      |

Standard AMEC 4+1 Port Unsealed Female Connector



AMEC 4+1P unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Robust multiple key codes
- Ergonomic tactile feedback

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions            | CPA | Available Codes |
|--------|-------------|-------|--------|------|-----------------------|-----|-----------------|
| 1      | 35637725    | 180°  | F      | A    | 32.29 x 25.14 x 21.09 | Y   | A, B, C, D      |
| 2      | 35637726    | 180°  | F      | B    | 32.29 x 25.14 x 21.09 | Y   |                 |
| 3      | 35637727    | 180°  | F      | C    | 32.29 x 25.14 x 21.09 | Y   |                 |
| 4      | 35637728    | 180°  | F      | D    | 32.29 x 25.14 x 21.09 | Y   |                 |

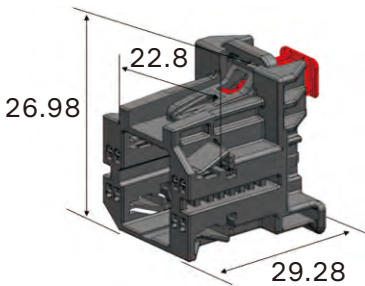
Accessory Parts

| Configuration      | CPA(optional) | 4+1port female housing | 4+1port ISL |
|--------------------|---------------|------------------------|-------------|
| Product Image      |               |                        |             |
| Code A part number | 33380638      | 35484319               | 35484324    |

Compatible Terminals

| Part Number | 35239706  | 35355087   |
|-------------|-----------|------------|
| Wire Type   | DACAR-546 | DACAR647-4 |
| Plating     | Ni+Sn     | Ni+Sn      |

Standard AMEC 8+2 Port Unsealed Female Connector



AMEC 8+2P unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Robust multiple key codes
- Ergonomic tactile feedback

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|--------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions           | CPA | Available Codes |
|--------|-------------|-------|--------|------|----------------------|-----|-----------------|
| 1      | 35315265    | 180°  | F      | A    | 29.28 x 22.8 x 26.98 | N   | A, B, C, D      |
| 2      | 35315266    | 180°  | F      | B    | 29.28 x 22.8 x 26.98 | N   |                 |
| 3      | 35552567    | 180°  | F      | C    | 29.28 x 22.8 x 26.98 | Y   |                 |
| 4      | 35552568    | 180°  | F      | D    | 29.28 x 22.8 x 26.98 | Y   |                 |

Accessory Parts

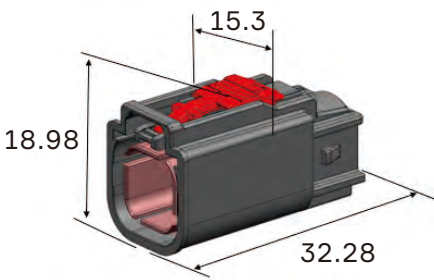
| Configuration      | CPA(optional) | 8+2port female housing |
|--------------------|---------------|------------------------|
| Product Image      |               |                        |
| Code A part number | 33380638      | 35315265               |

Compatible Terminals

| Part Number | 35239706  | 35355087   |
|-------------|-----------|------------|
| Wire Type   | DACAR-546 | DACAR647-4 |
| Plating     | Ni+Sn     | Ni+Sn      |



Standard AMEC 1 Port Sealed Female Connector



AMEC 1P sealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Robust multiple key codes
- Ergonomic tactile feedback
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 2 (Sealed) | V1b       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions           | CPA | Available Codes     |
|--------|-------------|-------|--------|------|----------------------|-----|---------------------|
| 1      | 35255750    | 180°  | F      | A    | 32.28 x 15.3 x 18.98 | N   | A, B, C, D, E, F, Z |
| 2      | 35255751    | 180°  | F      | B    | 32.28 x 15.3 x 18.98 | N   |                     |
| 3      | 35245089    | 180°  | F      | C    | 32.28 x 15.3 x 18.98 | N   |                     |
| 4      | 35245090    | 180°  | F      | D    | 32.28 x 15.3 x 18.98 | N   |                     |
| 5      | 35245091    | 180°  | F      | E    | 32.28 x 15.3 x 18.98 | N   |                     |
| 6      | 35245092    | 180°  | F      | F    | 32.28 x 15.3 x 18.98 | N   |                     |
| 7      | 35245095    | 180°  | F      | Z    | 32.28 x 15.3 x 18.98 | N   |                     |
| 8      | 35212796    | 180°  | F      | A    | 32.28 x 15.3 x 18.98 | Y   |                     |
| 9      | 35212797    | 180°  | F      | B    | 32.28 x 15.3 x 18.98 | Y   |                     |
| 10     | 35212798    | 180°  | F      | C    | 32.28 x 15.3 x 18.98 | Y   |                     |
| 11     | 35212799    | 180°  | F      | D    | 32.28 x 15.3 x 18.98 | Y   |                     |
| 12     | 35212800    | 180°  | F      | E    | 32.28 x 15.3 x 18.98 | Y   |                     |
| 13     | 35212801    | 180°  | F      | F    | 32.28 x 15.3 x 18.98 | Y   |                     |
| 14     | 35212804    | 180°  | F      | Z    | 32.28 x 15.3 x 18.98 | Y   |                     |

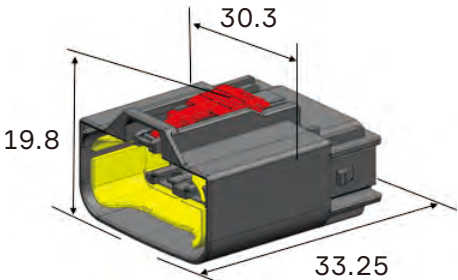
Accessory Parts

| Configuration      | CPA(optional)                                                                       | 1port female housing                                                                | 1port Retainer                                                                       | 1port Seal                                                                            |
|--------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Product Image      |  |  |  |  |
| Code A part number | 33224253                                                                            | 35101522                                                                            | 35079106                                                                             | 35105268                                                                              |

Compatible Terminals

|             |           |            |
|-------------|-----------|------------|
| Part Number | 35239706  | 35355087   |
| Wire Type   | DACAR-546 | DACAR647-4 |
| Plating     | Ni+Sn     | Ni+Sn      |

Standard AMEC 3 Port Sealed Female Connector



AMEC 3P sealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Robust multiple key codes
- Ergonomic tactile feedback
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 2 (Sealed) | V1b       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions          | CPA | Available Codes |
|--------|-------------|-------|--------|------|---------------------|-----|-----------------|
| 1      | 35230723    | 180°  | F      | A    | 33.25 x 30.3 x 19.8 | N   | A, B, C, D      |
| 2      | 35230724    | 180°  | F      | B    | 33.25 x 30.3 x 19.8 | N   |                 |
| 3      | 35230725    | 180°  | F      | C    | 33.25 x 30.3 x 19.8 | N   |                 |
| 4      | 35230726    | 180°  | F      | D    | 33.25 x 30.3 x 19.8 | N   |                 |
| 5      | 35169937    | 180°  | F      | A    | 33.25 x 30.3 x 19.8 | Y   |                 |
| 6      | 35169938    | 180°  | F      | B    | 33.25 x 30.3 x 19.8 | Y   |                 |
| 7      | 35169939    | 180°  | F      | C    | 33.25 x 30.3 x 19.8 | Y   |                 |
| 8      | 35169940    | 180°  | F      | D    | 33.25 x 30.3 x 19.8 | Y   |                 |

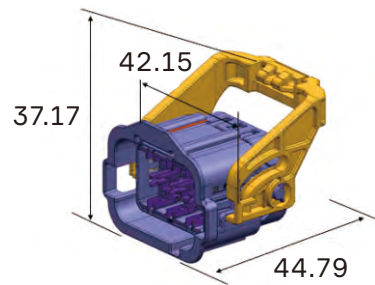
Accessory Parts

| Configuration      | CPA(optional)                                                                         | 3port female housing                                                                  | 3port Retainer                                                                        | 3port Seal                                                                            |
|--------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Product Image      |  |  |  |  |
| Code A part number | 33224253                                                                              | 35169943                                                                              | 35169945                                                                              | 35169951                                                                              |

Compatible Terminals

|             |           |            |
|-------------|-----------|------------|
| Part Number | 35239706  | 35355087   |
| Wire Type   | DACAR-546 | DACAR647-4 |
| Plating     | Ni+Sn     | Ni+Sn      |

Standard AMEC 6 Port Sealed Female Connector



AMEC 6P sealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Robust multiple key codes
- Ergonomic tactile feedback

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 2 (Sealed) | V1b       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions           | CPA | Available Codes |
|--------|-------------|-------|--------|------|----------------------|-----|-----------------|
| 1      | 35330633    | 180°  | F      | A    | 44.79 x 42.15x 37.17 | Y   | A, B            |
| 2      | 35377891    | 180°  | F      | B    | 44.79 x 42.15x 37.17 | Y   |                 |

Accessory Parts

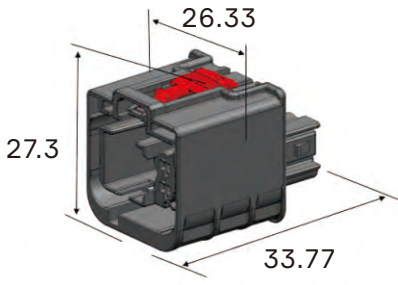
| Configuration      | lever    | 6port female housing | 6port Retainer | 6port COV LOCK |
|--------------------|----------|----------------------|----------------|----------------|
| Product Image      |          |                      |                |                |
| Code A part number | 35330635 | 35330634             | 35330637       | 35169951       |

| Configuration      | 6port Seal | 6port Block Seal |
|--------------------|------------|------------------|
| Product Image      |            |                  |
| Code A part number | 35342600   | 35342597         |

Compatible Terminals

| Part Number | 35239706  | 35355087   |
|-------------|-----------|------------|
| Wire Type   | DACAR-546 | DACAR647-4 |
| Plating     | Ni+Sn     | Ni+Sn      |

Standard AMEC 2+1 Port Sealed Female Connector



AMEC 2+1P sealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Robust multiple key codes
- Ergonomic tactile feedback

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications                        | DC Current | Cable Spec               | Specification  | Cable Spec                                    |
|-----------------------|------------------|-----------|-------------------------------------|------------|--------------------------|----------------|-----------------------------------------------|
| -40°~105°             | Class 2 (Sealed) | V1b       | Automotive Ethernet Vehicle Gateway | 3A max     | Dacar 546<br>Dacar 647-4 | LV214<br>USCAR | Shield Up to 666MHz;<br>Un-shield Up to 66MHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | CPA | Available Codes |
|--------|-------------|-------|--------|------|--------------------|-----|-----------------|
| 1      | 35552155    | 180°  | F      | A    | 33.77x 26.33x 27.3 | Y   | A, B, C, D      |
| 2      | 35552161    | 180°  | F      | B    | 33.77x 26.33x 27.3 | Y   |                 |
| 3      | 35552167    | 180°  | F      | C    | 33.77x 26.33x 27.3 | Y   |                 |
| 4      | 35552168    | 180°  | F      | D    | 33.77x 26.33x 27.3 | Y   |                 |
| 5      | 35552171    | 180°  | F      | E    | 33.77x 26.33x 27.3 | Y   |                 |
| 6      | 35552172    | 180°  | F      | B    | 33.77x 26.33x 27.3 | Y   |                 |
| 7      | 35552173    | 180°  | F      | G    | 33.77x 26.33x 27.3 | Y   |                 |
| 8      | 35552174    | 180°  | F      | H    | 33.77x 26.33x 27.3 | Y   |                 |
| 9      | 35552175    | 180°  | F      | Z    | 33.77x 26.33x 27.3 | Y   |                 |

Accessory Parts

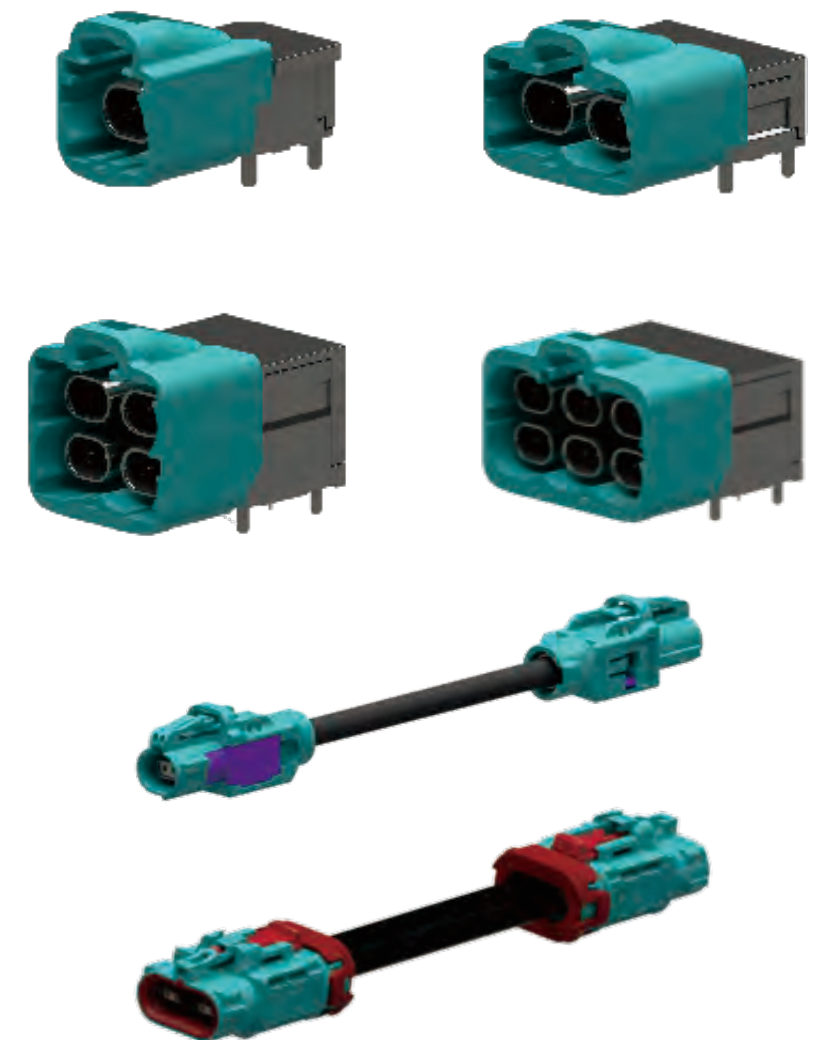
| Configuration      | CPA      | 2+1port female housing | 2+1port Retainer | 2+1port Seal |
|--------------------|----------|------------------------|------------------|--------------|
| Product Image      |          |                        |                  |              |
| Code A part number | 33224253 | 35394769               | 35394818         | 35394819     |

Compatible Terminals

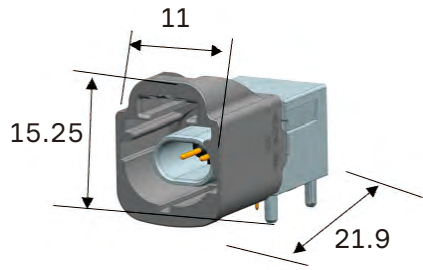
| Part Number | 35239706  | 35355087   |
|-------------|-----------|------------|
| Wire Type   | DACAR-546 | DACAR647-4 |
| Plating     | Ni+Sn     | Ni+Sn      |

# H-MTD

High-Speed Modular Twisted-Pair Data (H-MTD) is a connector system that supports frequencies up to 20 GHz and data transmission rates up to 56 Gbps. Vehicles are adding high-resolution radars and cameras to support ever more sophisticated automated driving capabilities, creating high-bandwidth streams of data to centralized computing platforms. To accommodate these emerging requirements, the industry is moving to network technologies such as Automotive Ethernet and MIPI A-PHY, a new physical-layer interface for in-vehicle data transmission. H-MTD addresses those challenges.



H-MTD 1 Port Unsealed 90° Header



H-MTD 1P unsealed 90° header

Product Features

- Cost effective stamped terminals
- Basic 1G bps to 10G bps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications    | DC Current | Specification  | Frequency   |
|-----------------------|--------------------|-----------|-----------------|------------|----------------|-------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Radar/Lidar/ECU | 1.5A max   | LV214<br>USCAR | DC to 10GHz |

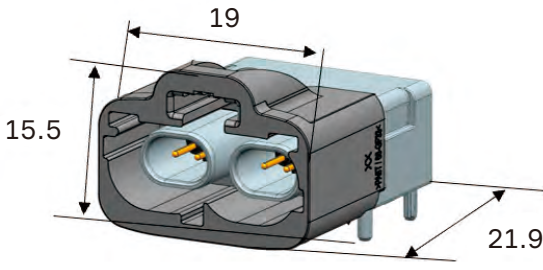
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions        | Available Codes  |
|--------|-------------|-------|--------|------|-------------------|------------------|
| 1      | 35570751    | 90°   | M      | A    | 21.9 x 11 x 15.25 | A, B, C, D, E, F |
| 2      | 35570752    | 90°   | M      | B    | 21.9 x 11 x 15.25 |                  |
| 3      | 35640970    | 90°   | M      | C    | 21.9 x 11 x 15.25 |                  |
| 4      | 35640971    | 90°   | M      | D    | 21.9 x 11 x 15.25 |                  |
| 5      | 35640972    | 90°   | M      | E    | 21.9 x 11 x 15.25 |                  |
| 6      | 35889988    | 90°   | M      | F    | 21.9 x 11 x 15.25 |                  |
| 7      | 35640973    | 90°   | M      | Z    | 21.9 x 11 x 15.25 |                  |

Compatible Connector

|                    |                               |
|--------------------|-------------------------------|
| Configuration      | 1port unslid female connector |
| Product Image      |                               |
| Code A part number | 35546261                      |

H-MTD 2 Port Unsealed 90° Header



H-MTD 2P unsealed 90° header

Product Features

- Cost effective stamped terminals
- Basic 1G bps to 10G bps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications    | DC Current | Specification  | Frequency   |
|-----------------------|--------------------|-----------|-----------------|------------|----------------|-------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Radar/Lidar/ECU | 1.5A max   | LV214<br>USCAR | DC to 10GHz |

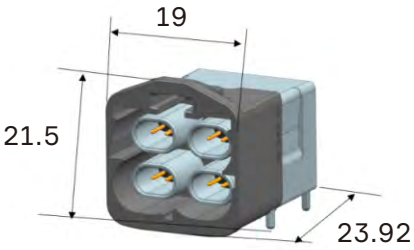
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions       | Available Codes     |
|--------|-------------|-------|--------|------|------------------|---------------------|
| 1      | 35570771    | 90°   | M      | A    | 21.9 x 19 x 15.5 | A, B, C, D, E, F, Z |
| 2      | 35570775    | 90°   | M      | B    | 21.9 x 19 x 15.5 |                     |
| 3      | 35889990    | 90°   | M      | C    | 21.9 x 19 x 15.5 |                     |
| 4      | 35889991    | 90°   | M      | D    | 21.9 x 19 x 15.5 |                     |
| 5      | 35889992    | 90°   | M      | E    | 21.9 x 19 x 15.5 |                     |
| 6      | 35889993    | 90°   | M      | F    | 21.9 x 19 x 15.5 |                     |
| 7      | 35570778    | 90°   | M      | Z    | 21.9 x 19 x 15.5 |                     |

Compatible Connector

|                    |                               |
|--------------------|-------------------------------|
| Configuration      | 2port unslid female connector |
| Product Image      |                               |
| Code A part number | 35602706                      |

H-MTD 4 Port Unsealed 90° Header



H-MTD 4P unsealed 90° header

Product Features

- Cost effective stamped terminals
- Basic 1G bps to 10G bps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications    | DC Current | Specification  | Frequency   |
|-----------------------|--------------------|-----------|-----------------|------------|----------------|-------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Radar/Lidar/ECU | 1.5A max   | LV214<br>USCAR | DC to 10GHz |

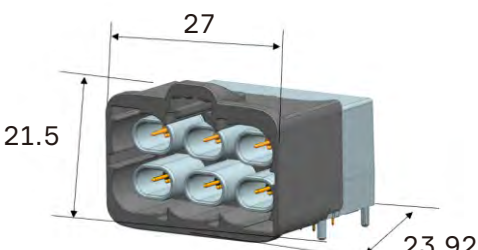
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions        | Available Codes     |
|--------|-------------|-------|--------|------|-------------------|---------------------|
| 1      | 35570798    | 90°   | M      | A    | 23.92 x 19 x 21.5 | A, B, C, D, E, F, Z |
| 2      | 35570799    | 90°   | M      | B    | 23.92 x 19 x 21.5 |                     |
| 3      | 35602755    | 90°   | M      | C    | 23.92 x 19 x 21.5 |                     |
| 4      | 35602757    | 90°   | M      | D    | 23.92 x 19 x 21.5 |                     |
| 5      | 35889464    | 90°   | M      | E    | 23.92 x 19 x 21.5 |                     |
| 6      | 35889465    | 90°   | M      | F    | 23.92 x 19 x 21.5 |                     |
| 7      | 35570800    | 90°   | M      | Z    | 23.92 x 19 x 21.5 |                     |

Compatible Connector

|                    |                              |
|--------------------|------------------------------|
| Configuration      | 4port unsld female connector |
| Product Image      |                              |
| Code A part number | 35477100                     |

H-MTD 6 Port Unsealed 90° Header



H-MTD 6P unsealed 90° header

Product Features

- Cost effective stamped terminals
- Basic 1G bps to 10G bps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications    | DC Current | Specification  | Frequency   |
|-----------------------|--------------------|-----------|-----------------|------------|----------------|-------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Radar/Lidar/ECU | 1.5A max   | LV214<br>USCAR | DC to 10GHz |

Main Part Numbers

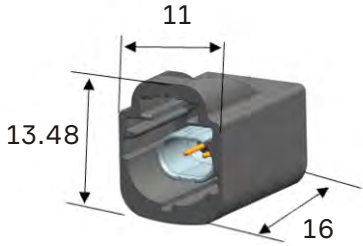
| Number | Part Number | Angle | Gender | Code | Dimensions        | Available Codes     |
|--------|-------------|-------|--------|------|-------------------|---------------------|
| 1      | 35689020    | 90°   | M      | A    | 23.92 x 27 x 21.5 | A, B, C, D, E, F, Z |
| 2      | 35689023    | 90°   | M      | B    | 23.92 x 27 x 21.5 |                     |
| 3      | 35689024    | 90°   | M      | C    | 23.92 x 27 x 21.5 |                     |
| 4      | 35689026    | 90°   | M      | D    | 23.92 x 27 x 21.5 |                     |
| 5      | 35689028    | 90°   | M      | E    | 23.92 x 27 x 21.5 |                     |
| 6      | 35689029    | 90°   | M      | F    | 23.92 x 27 x 21.5 |                     |
| 7      | 35689037    | 90°   | M      | Z    | 23.92 x 27 x 21.5 |                     |

Compatible Connector

|                    |                              |
|--------------------|------------------------------|
| Configuration      | 6port unsld female connector |
| Product Image      |                              |
| Code A part number | 35761437                     |



H-MTD 1 Port Unsealed 180° Header



H-MTD 1P unsealed 180° header

Product Features

- Cost effective stamped terminals
- Basic 1G bps to 10G bps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications    | DC Current | Specification  | Frequency   |
|-----------------------|--------------------|-----------|-----------------|------------|----------------|-------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Radar/Lidar/ECU | 1.5A max   | LV214<br>USCAR | DC to 10GHz |

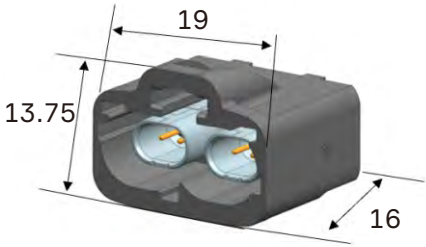
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions      | Available Codes     |
|--------|-------------|-------|--------|------|-----------------|---------------------|
| 1      | 35726767    | 180°  | M      | A    | 16 x 11 x 13.48 | A, B, C, D, E, F, Z |
| 2      | 35726768    | 180°  | M      | B    | 16 x 11 x 13.48 |                     |
| 3      | 35726769    | 180°  | M      | C    | 16 x 11 x 13.48 |                     |
| 4      | 35726770    | 180°  | M      | D    | 16 x 11 x 13.48 |                     |
| 5      | 35726771    | 180°  | M      | E    | 16 x 11 x 13.48 |                     |
| 6      | 35726772    | 180°  | M      | F    | 16 x 11 x 13.48 |                     |
| 7      | 35726773    | 180°  | M      | Z    | 16 x 11 x 13.48 |                     |

Compatible Connector

|                    |                              |
|--------------------|------------------------------|
| Configuration      | 1port unsld female connector |
| Product Image      |                              |
| Code A part number | 35546261                     |

H-MTD 2 Port Unsealed 180° Header



H-MTD 2P unsealed 180° header

Product Features

- Cost effective stamped terminals
- Basic 1G bps to 10G bps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications    | DC Current | Specification  | Frequency   |
|-----------------------|--------------------|-----------|-----------------|------------|----------------|-------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Radar/Lidar/ECU | 1.5A max   | LV214<br>USCAR | DC to 10GHz |

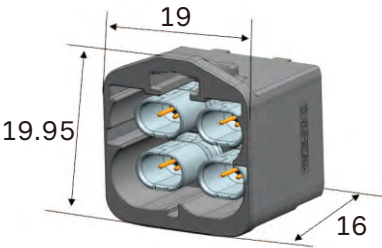
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions      | Available Codes     |
|--------|-------------|-------|--------|------|-----------------|---------------------|
| 1      | 35726467    | 180°  | M      | A    | 16 x 19 x 13.75 | A, B, C, D, E, F, Z |
| 2      | 35726468    | 180°  | M      | B    | 16 x 19 x 13.75 |                     |
| 3      | 35726470    | 180°  | M      | C    | 16 x 19 x 13.75 |                     |
| 4      | 35726471    | 180°  | M      | D    | 16 x 19 x 13.75 |                     |
| 5      | 35726472    | 180°  | M      | E    | 16 x 19 x 13.75 |                     |
| 6      | 35726473    | 180°  | M      | F    | 16 x 19 x 13.75 |                     |
| 7      | 35726475    | 180°  | M      | Z    | 16 x 19 x 13.75 |                     |

Compatible Connector

|                    |                              |
|--------------------|------------------------------|
| Configuration      | 2port unsld female connector |
| Product Image      |                              |
| Code A part number | 35602706                     |

H-MTD 4 Port Unsealed 180° Header



H-MTD 4P unsealed 180° header

Product Features

- Cost effective stamped terminals
- Basic 1G bps to 10G bps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications    | DC Current | Specification  | Frequency   |
|-----------------------|--------------------|-----------|-----------------|------------|----------------|-------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Radar/Lidar/ECU | 1.5A max   | LV214<br>USCAR | DC to 10GHz |

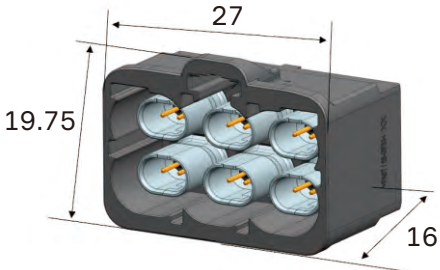
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions      | Available Codes     |
|--------|-------------|-------|--------|------|-----------------|---------------------|
| 1      | 35726795    | 180°  | M      | A    | 16 x 19 x 19.95 | A, B, C, D, E, F, Z |
| 2      | 35726796    | 180°  | M      | B    | 16 x 19 x 19.95 |                     |
| 3      | 35726797    | 180°  | M      | C    | 16 x 19 x 19.95 |                     |
| 4      | 35726798    | 180°  | M      | D    | 16 x 19 x 19.95 |                     |
| 5      | 35726800    | 180°  | M      | E    | 16 x 19 x 19.95 |                     |
| 6      | 35726962    | 180°  | M      | F    | 16 x 19 x 19.95 |                     |
| 7      | 35726964    | 180°  | M      | Z    | 16 x 19 x 19.95 |                     |

Compatible Connector

|                    |                              |
|--------------------|------------------------------|
| Configuration      | 4port unsld female connector |
| Product Image      |                              |
| Code A part number | 35477104                     |

H-MTD 6 Port Unsealed 180° Header



H-MTD 6P unsealed 180° header

Product Features

- Cost effective stamped terminals
- Basic 1G bps to 10G bps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications    | DC Current | Specification  | Frequency   |
|-----------------------|--------------------|-----------|-----------------|------------|----------------|-------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Radar/Lidar/ECU | 1.5A max   | LV214<br>USCAR | DC to 10GHz |

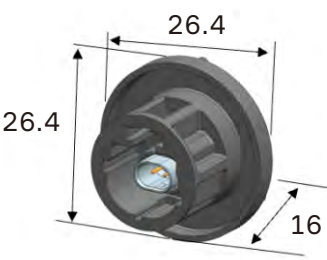
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions      | Available Codes     |
|--------|-------------|-------|--------|------|-----------------|---------------------|
| 1      | 35719600    | 180°  | M      | A    | 16 x 27 x 19.75 | A, B, C, D, E, F, Z |
| 2      | 35719616    | 180°  | M      | B    | 16 x 27 x 19.75 |                     |
| 3      | 35719618    | 180°  | M      | C    | 16 x 27 x 19.75 |                     |
| 4      | 35719621    | 180°  | M      | D    | 16 x 27 x 19.75 |                     |
| 5      | 35719622    | 180°  | M      | E    | 16 x 27 x 19.75 |                     |
| 6      | 35719625    | 180°  | M      | F    | 16 x 27 x 19.75 |                     |
| 7      | 35719629    | 180°  | M      | Z    | 16 x 27 x 19.75 |                     |

Compatible Connector

|                    |                              |
|--------------------|------------------------------|
| Configuration      | 6port unsld female connector |
| Product Image      |                              |
| Code A part number | 35761437                     |

H-MTD 1 Port Sealed 180° Header



H-MTD 1P sealed 180° header

Product Features

- Cost effective stamped terminals
- Basic 1G bps to 10G bps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications    | DC Current | Specification  | Frequency   |
|-----------------------|------------------|-----------|-----------------|------------|----------------|-------------|
| -40°~105°             | Class 2 (Sealed) | V1b       | Radar/Lidar/ECU | 1.5A max   | LV214<br>USCAR | DC to 10GHz |

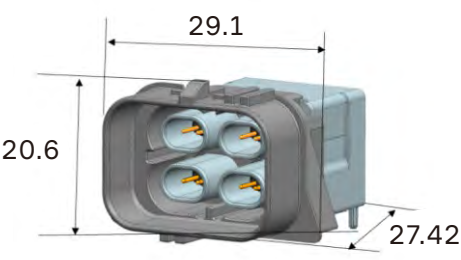
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions       | Available Codes     |
|--------|-------------|-------|--------|------|------------------|---------------------|
| 1      | 35735939    | 180°  | M      | A    | 26.4 x 26.4 x 16 | A, B, C, D, E, F, Z |
| 2      | 35735940    | 180°  | M      | B    | 26.4 x 26.4 x 16 |                     |
| 3      | 35735941    | 180°  | M      | C    | 26.4 x 26.4 x 16 |                     |
| 4      | 35735942    | 180°  | M      | D    | 26.4 x 26.4 x 16 |                     |
| 5      | 35735943    | 180°  | M      | E    | 26.4 x 26.4 x 16 |                     |
| 6      | 35735945    | 180°  | M      | F    | 26.4 x 26.4 x 16 |                     |
| 7      | 35735952    | 180°  | M      | Z    | 26.4 x 26.4 x 16 |                     |

Compatible Connector

|                    |                            |
|--------------------|----------------------------|
| Configuration      | 1port sld female connector |
| Product Image      |                            |
| Code A part number | 35512451                   |

H-MTD 4 Port Sealed 90° Header



H-MTD 4P sealed 90° header

Product Features

- Cost effective stamped terminals
- Basic 1G bps to 10G bps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications    | DC Current | Specification  | Frequency   |
|-----------------------|------------------|-----------|-----------------|------------|----------------|-------------|
| -40°~105°             | Class 2 (Sealed) | V1b       | Radar/Lidar/ECU | 1.5A max   | LV214<br>USCAR | DC to 10GHz |

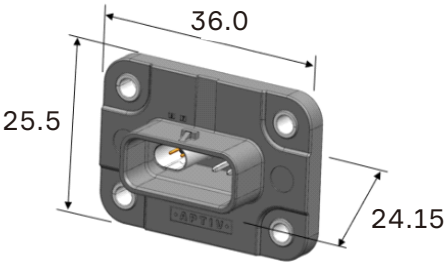
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions          | Available Codes                  |
|--------|-------------|-------|--------|------|---------------------|----------------------------------|
| 1      | 35690266    | 90°   | M      | A    | 27.42 x 29.1 x 20.6 | A, B, C, D, E, F, G, H, J , K, L |
| 2      | 35690267    | 90°   | M      | B    | 27.42 x 29.1 x 20.6 |                                  |
| 3      | 35690268    | 90°   | M      | C    | 27.42 x 29.1 x 20.6 |                                  |
| 4      | 35690269    | 90°   | M      | D    | 27.42 x 29.1 x 20.6 |                                  |
| 5      | 35690270    | 90°   | M      | E    | 27.42 x 29.1 x 20.6 |                                  |
| 6      | 35690272    | 90°   | M      | F    | 27.42 x 29.1 x 20.6 |                                  |
| 7      | 35725712    | 90°   | M      | G    | 27.42 x 29.1 x 20.6 |                                  |
| 8      | 35725713    | 90°   | M      | H    | 27.42 x 29.1 x 20.6 |                                  |
| 9      | 35725714    | 90°   | M      | J    | 27.42 x 29.1 x 20.6 |                                  |
| 10     | 35725715    | 90°   | M      | K    | 27.42 x 29.1 x 20.6 |                                  |
| 11     | 35725716    | 90°   | M      | L    | 27.42 x 29.1 x 20.6 |                                  |

Compatible Connector

|                    |                            |
|--------------------|----------------------------|
| Configuration      | 4port sld female connector |
| Product Image      |                            |
| Code A part number | 35805034                   |

H-MTD 1+6 Port Sealed 180° Header



H-MTD 1+6P sealed 180° header

Product Features

- Cost effective stamped terminals
- Basic 1G bps to 10G bps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications | DC Current                              | Cable Spec                    | Specification                              | Frequency   |
|-----------------------|------------------|-----------|--------------|-----------------------------------------|-------------------------------|--------------------------------------------|-------------|
| -40°~105°             | Class 2 (Sealed) | V1b       | Radar/Lidar  | HMTD Pin: 1.5A max<br>Power Pin: 5A max | G&G 2Speed251,<br>Dacar 647-4 | Tc9 1000BASE-T1 (STP)<br>USCAR 2-7 (USCAR) | DC to 10GHz |

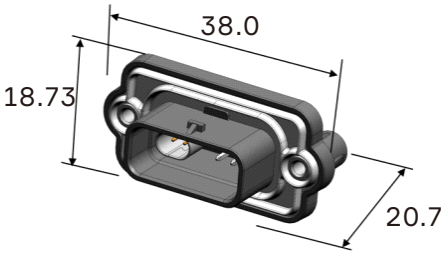
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions          | Available Codes |
|--------|-------------|-------|--------|------|---------------------|-----------------|
| 1      | 35755885    | 180°  | M      | A    | 36.0 x 25.5 x 24.15 | A, B            |
| 2      | 35760610    | 180°  | M      | B    | 36.0 x 25.5 x 24.15 |                 |

Compatible Connector

|                    |                                  |  |
|--------------------|----------------------------------|--|
| Configuration      | 1+6 port sealed female connector |  |
| Product Image      |                                  |  |
| Code A part number | 35694120                         |  |

H-MTD 1+6 Port Sealed 180° Header



H-MTD 1+6P sealed 180° header

Product Features

- Cost effective stamped terminals
- Basic 1G bps to 10G bps high speed data solution for future autonomous driving and infotainment application
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Optimized insertion force
- Improved retention force

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications | DC Current                              | Cable Spec                    | Specification                              | Frequency   |
|-----------------------|------------------|-----------|--------------|-----------------------------------------|-------------------------------|--------------------------------------------|-------------|
| -40°~105°             | Class 2 (Sealed) | V1b       | Radar/Lidar  | HMTD Pin: 1.5A max<br>Power Pin: 5A max | G&G 2Speed251,<br>Dacar 647-4 | Tc9 1000BASE-T1 (STP)<br>USCAR 2-7 (USCAR) | DC to 10GHz |

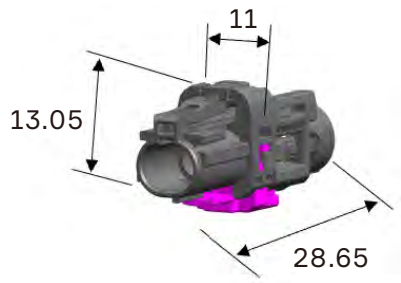
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions          | Available Codes |
|--------|-------------|-------|--------|------|---------------------|-----------------|
| 1      | 35694041    | 180°  | M      | A    | 38.0 x 18.73 x 20.7 | A               |

Compatible Connector

|                    |                                  |  |
|--------------------|----------------------------------|--|
| Configuration      | 1+6 port sealed female connector |  |
| Product Image      |                                  |  |
| Code A part number | 35694120                         |  |

H-MTD 1 Port Unsealed Female Connector



H-MTD 1P unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials: HB/V0
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications    | DC Current | Cable Spec                 | Specification | Frequency   |
|-----------------------|--------------------|-----------|-----------------|------------|----------------------------|---------------|-------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Radar/Lidar/ECU | 1.5A max   | G&G 2Speed251, Dacar 647-4 | LV214 USCAR   | DC to 10GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | CPA | Available Codes     |
|--------|-------------|-------|--------|------|--------------------|-----|---------------------|
| 1      | 35546261    | 180°  | F      | A    | 28.65 x 11 x 13.05 | N   | A, B, C, D, E, F, Z |
| 2      | 35546262    | 180°  | F      | B    | 28.65 x 11 x 13.05 | N   |                     |
| 3      | 35546265    | 180°  | F      | C    | 28.65 x 11 x 13.05 | N   |                     |
| 4      | 35546266    | 180°  | F      | D    | 28.65 x 11 x 13.05 | N   |                     |
| 5      | 35546268    | 180°  | F      | E    | 28.65 x 11 x 13.05 | N   |                     |
| 6      | 35546270    | 180°  | F      | F    | 28.65 x 11 x 13.05 | N   |                     |
| 5      | 35546260    | 180°  | F      | Z    | 28.65 x 11 x 13.05 | N   |                     |
| 8      | 35650354    | 180°  | F      | A    | 28.65 x 11 x 13.05 | Y   |                     |
| 9      | 35650355    | 180°  | F      | B    | 28.65 x 11 x 13.05 | Y   |                     |
| 10     | 35650356    | 180°  | F      | C    | 28.65 x 11 x 13.05 | Y   |                     |
| 11     | 35650357    | 180°  | F      | D    | 28.65 x 11 x 13.05 | Y   |                     |
| 12     | 35650358    | 180°  | F      | E    | 28.65 x 11 x 13.05 | Y   |                     |
| 13     | 35650359    | 180°  | F      | F    | 28.65 x 11 x 13.05 | Y   |                     |
| 14     | 35650360    | 180°  | F      | Z    | 28.65 x 11 x 13.05 | Y   |                     |

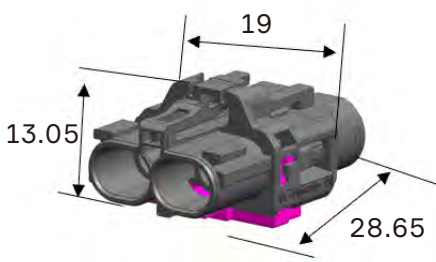
Accessory Parts

| Configuration      | 1port female TPA | CPA(optional) | 1port female housing |
|--------------------|------------------|---------------|----------------------|
| Product Image      |                  |               |                      |
| Code A part number | 35644772         | 35453737      | 35545990             |

Compatible Terminals

| Part Number | 35719737 | 35719762  |
|-------------|----------|-----------|
| Wire Type   | 1G cable | 10G cable |
| Plating     | Au       | Au        |

H-MTD 2 Port Unsealed Female Connector



H-MTD 2P unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials: HB/V0
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications    | DC Current | Cable Spec                 | Specification | Frequency   |
|-----------------------|--------------------|-----------|-----------------|------------|----------------------------|---------------|-------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Radar/Lidar/ECU | 1.5A max   | G&G 2Speed251, Dacar 647-4 | LV214 USCAR   | DC to 10GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Clipslot | Available Codes     |
|--------|-------------|-------|--------|------|--------------------|----------|---------------------|
| 1      | 35602706    | 180°  | F      | A    | 28.65 x 19 x 13.05 | N        | A, B, C, D, E, F, Z |
| 2      | 35602709    | 180°  | F      | B    | 28.65 x 19 x 13.05 | N        |                     |
| 3      | 35602710    | 180°  | F      | C    | 28.65 x 19 x 13.05 | N        |                     |
| 4      | 35602711    | 180°  | F      | D    | 28.65 x 19 x 13.05 | N        |                     |
| 5      | 35602712    | 180°  | F      | E    | 28.65 x 19 x 13.05 | N        |                     |
| 6      | 35602713    | 180°  | F      | F    | 28.65 x 19 x 13.05 | N        |                     |
| 5      | 35602714    | 180°  | F      | Z    | 28.65 x 19 x 13.05 | N        |                     |
| 8      | 35650361    | 180°  | F      | A    | 28.65 x 19 x 13.05 | Y        |                     |
| 9      | 35650362    | 180°  | F      | B    | 28.65 x 19 x 13.05 | Y        |                     |
| 10     | 35650363    | 180°  | F      | C    | 28.65 x 19 x 13.05 | Y        |                     |
| 11     | 35650364    | 180°  | F      | D    | 28.65 x 19 x 13.05 | Y        |                     |
| 12     | 35650365    | 180°  | F      | E    | 28.65 x 19 x 13.05 | Y        |                     |
| 13     | 35650366    | 180°  | F      | F    | 28.65 x 19 x 13.05 | Y        |                     |
| 14     | 35650367    | 180°  | F      | Z    | 28.65 x 19 x 13.05 | Y        |                     |

Accessory Parts

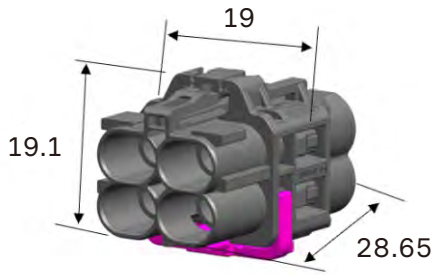
| Configuration      | 2port female TPA | CPA(optional) | 2port female housing |
|--------------------|------------------|---------------|----------------------|
| Product Image      |                  |               |                      |
| Code A part number | 35407681         | 35453737      | 35602674             |

Compatible Terminals

| Part Number | 35719737 | 35719762  |
|-------------|----------|-----------|
| Wire Type   | 1G cable | 10G cable |
| Plating     | Au       | Au        |



H-MTD 4 Port Unsealed Female Connector



H-MTD 4P unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials: HB/V0
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications    | DC Current | Cable Spec                 | Specification | Frequency   |
|-----------------------|--------------------|-----------|-----------------|------------|----------------------------|---------------|-------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Radar/Lidar/ECU | 1.5A max   | G&G 2Speed251, Dacar 647-4 | LV214 USCAR   | DC to 10GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions        | CPA | Available Codes     |
|--------|-------------|-------|--------|------|-------------------|-----|---------------------|
| 1      | 35477104    | 180°  | F      | A    | 28.65 x 19 x 19.1 | N   | A, B, C, D, E, F, Z |
| 2      | 35609369    | 180°  | F      | B    | 28.65 x 19 x 19.1 | N   |                     |
| 3      | 35609370    | 180°  | F      | C    | 28.65 x 19 x 19.1 | N   |                     |
| 4      | 35609371    | 180°  | F      | D    | 28.65 x 19 x 19.1 | N   |                     |
| 5      | 35609372    | 180°  | F      | E    | 28.65 x 19 x 19.1 | N   |                     |
| 6      | 35609373    | 180°  | F      | F    | 28.65 x 19 x 19.1 | N   |                     |
| 5      | 35609374    | 180°  | F      | Z    | 28.65 x 19 x 19.1 | N   |                     |
| 8      | 35649946    | 180°  | F      | A    | 28.65 x 19 x 19.1 | Y   |                     |
| 9      | 35649947    | 180°  | F      | B    | 28.65 x 19 x 19.1 | Y   |                     |
| 10     | 35649948    | 180°  | F      | C    | 28.65 x 19 x 19.1 | Y   |                     |
| 11     | 35649949    | 180°  | F      | D    | 28.65 x 19 x 19.1 | Y   |                     |
| 12     | 35649950    | 180°  | F      | E    | 28.65 x 19 x 19.1 | Y   |                     |
| 13     | 35649951    | 180°  | F      | F    | 28.65 x 19 x 19.1 | Y   |                     |
| 14     | 35649952    | 180°  | F      | Z    | 28.65 x 19 x 19.1 | Y   |                     |

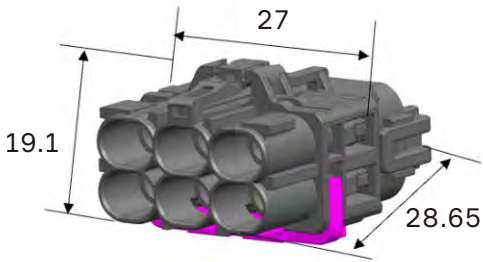
Accessory Parts

| Configuration      | 4port female TPA | CPA(optional) | 4port female housing |
|--------------------|------------------|---------------|----------------------|
| Product Image      |                  |               |                      |
| Code A part number | 35477102         | 35453737      | 35477100             |

Compatible Terminals

| Part Number | 35719737 | 35719762  |
|-------------|----------|-----------|
| Wire Type   | 1G cable | 10G cable |
| Plating     | Au       | Au        |

H-MTD 6 Port Unsealed Female Connector



H-MTD 6P unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials: HB/V0
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications    | DC Current | Cable Spec                 | Specification | Frequency   |
|-----------------------|--------------------|-----------|-----------------|------------|----------------------------|---------------|-------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Radar/Lidar/ECU | 1.5A max   | G&G 2Speed251, Dacar 647-4 | LV214 USCAR   | DC to 10GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions        | Clipslot | Available Codes     |
|--------|-------------|-------|--------|------|-------------------|----------|---------------------|
| 1      | 35761437    | 180°  | F      | A    | 28.65 x 27 x 19.1 | N        | A, B, C, D, E, F, Z |
| 2      | 35761439    | 180°  | F      | B    | 28.65 x 27 x 19.1 | N        |                     |
| 3      | 35761440    | 180°  | F      | C    | 28.65 x 27 x 19.1 | N        |                     |
| 4      | 35761441    | 180°  | F      | D    | 28.65 x 27 x 19.1 | N        |                     |
| 5      | 35761442    | 180°  | F      | E    | 28.65 x 27 x 19.1 | N        |                     |
| 6      | 35761443    | 180°  | F      | F    | 28.65 x 27 x 19.1 | N        |                     |
| 5      | 35761444    | 180°  | F      | Z    | 28.65 x 27 x 19.1 | N        |                     |
| 8      | 35761445    | 180°  | F      | A    | 28.65 x 27 x 19.1 | Y        |                     |
| 9      | 35761446    | 180°  | F      | B    | 28.65 x 27 x 19.1 | Y        |                     |
| 10     | 35761447    | 180°  | F      | C    | 28.65 x 27 x 19.1 | Y        |                     |
| 11     | 35761448    | 180°  | F      | D    | 28.65 x 27 x 19.1 | Y        |                     |
| 12     | 35761450    | 180°  | F      | E    | 28.65 x 27 x 19.1 | Y        |                     |
| 13     | 35761451    | 180°  | F      | F    | 28.65 x 27 x 19.1 | Y        |                     |
| 14     | 35761452    | 180°  | F      | Z    | 28.65 x 27 x 19.1 | Y        |                     |

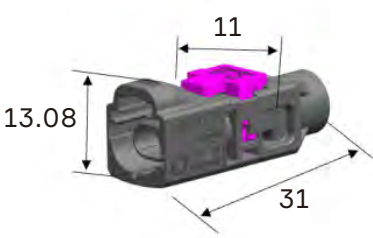
Accessory Parts

| Configuration      | 6port female TPA | CPA(optional) | 6port female housing | 6port cable retainer |
|--------------------|------------------|---------------|----------------------|----------------------|
| Product Image      |                  |               |                      |                      |
| Code A part number | 35761434         | 35453737      | 35761405             | 35761429             |

Compatible Terminals

| Part Number | 35719737 | 35719762  |
|-------------|----------|-----------|
| Wire Type   | 1G cable | 10G cable |
| Plating     | Au       | Au        |

H-MTD 1 Port Unsealed Male Connector  
without Clip Slot



H-MTD 1P unsealed male assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials: HB/V0

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications    | DC Current | Cable Spec                 | Specification | Frequency   |
|-----------------------|--------------------|-----------|-----------------|------------|----------------------------|---------------|-------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Radar/Lidar/ECU | 1.5A max   | G&G 2Speed251, Dacar 647-4 | LV214 USCAR   | DC to 10GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions      | Available Codes     |
|--------|-------------|-------|--------|------|-----------------|---------------------|
| 1      | 35547127    | 180°  | M      | A    | 31 x 11 x 13.08 | A, B, C, D, E, F, Z |
| 2      | 35547128    | 180°  | M      | B    | 31 x 11 x 13.08 |                     |
| 3      | 35547129    | 180°  | M      | C    | 31 x 11 x 13.08 |                     |
| 4      | 35547130    | 180°  | M      | D    | 31 x 11 x 13.08 |                     |
| 5      | 35547131    | 180°  | M      | E    | 31 x 11 x 13.08 |                     |
| 6      | 35547132    | 180°  | M      | F    | 31 x 11 x 13.08 |                     |
| 5      | 35547133    | 180°  | M      | Z    | 31 x 11 x 13.08 |                     |

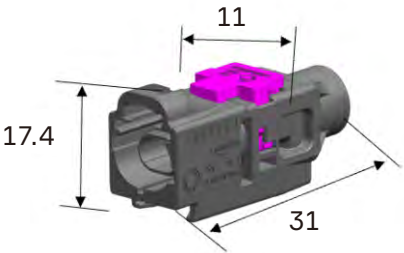
Accessory Parts

| Configuration      | 4port female TPA | 1port male housing |
|--------------------|------------------|--------------------|
| Product Image      |                  |                    |
| Code A part number | 35587333         | 35546272           |

Compatible Terminals

| Part Number | 35719761 | 35719839  |
|-------------|----------|-----------|
| Wire Type   | 1G cable | 10G cable |
| Plating     | Au       | Au        |

H-MTD 1 Port Unsealed Male Connector  
with Clip Slot



H-MTD 1P unsealed male assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials: HB/V0

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications    | DC Current | Cable Spec                 | Specification | Frequency   |
|-----------------------|--------------------|-----------|-----------------|------------|----------------------------|---------------|-------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Radar/Lidar/ECU | 1.5A max   | G&G 2Speed251, Dacar 647-4 | LV214 USCAR   | DC to 10GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions     | Available Codes     |
|--------|-------------|-------|--------|------|----------------|---------------------|
| 1      | 35602720    | 180°  | M      | A    | 31 x 11 x 17.4 | A, B, C, D, E, F, Z |
| 2      | 35602722    | 180°  | M      | B    | 31 x 11 x 17.4 |                     |
| 3      | 35602724    | 180°  | M      | C    | 31 x 11 x 17.4 |                     |
| 4      | 35602725    | 180°  | M      | D    | 31 x 11 x 17.4 |                     |
| 5      | 35602726    | 180°  | M      | E    | 31 x 11 x 17.4 |                     |
| 6      | 35602728    | 180°  | M      | F    | 31 x 11 x 17.4 |                     |
| 5      | 35602730    | 180°  | M      | Z    | 31 x 11 x 17.4 |                     |

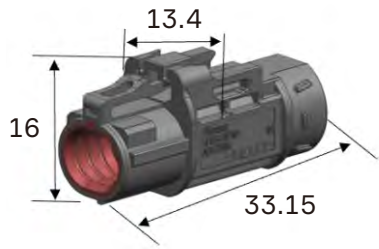
Accessory Parts

| Configuration      | 4port female TPA | 1port male housing |
|--------------------|------------------|--------------------|
| Product Image      |                  |                    |
| Code A part number | 35587333         | 35546275           |

Compatible Terminals

| Part Number | 35719761 | 35719839  |
|-------------|----------|-----------|
| Wire Type   | 1G cable | 10G cable |
| Plating     | Au       | Au        |

H-MTD 1 Port Sealed Female Connector



H-MTD 1P sealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials: HB/V0
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications    | DC Current | Cable Spec                 | Specification | Frequency   |
|-----------------------|------------------|-----------|-----------------|------------|----------------------------|---------------|-------------|
| -40°~105°             | Class 2 (Sealed) | V1b       | Radar/Lidar/ECU | 1.5A max   | G&G 2Speed251, Dacar 647-4 | LV214 USCAR   | DC to 10GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions        | CPA | Available Codes     |
|--------|-------------|-------|--------|------|-------------------|-----|---------------------|
| 1      | 35512451    | 180°  | F      | A    | 33.15 x 13.4 x 16 | N   | A, B, C, D, E, F, Z |
| 2      | 35512457    | 180°  | F      | B    | 33.15 x 13.4 x 16 | N   |                     |
| 3      | 35512483    | 180°  | F      | C    | 33.15 x 13.4 x 16 | N   |                     |
| 4      | 35512484    | 180°  | F      | D    | 33.15 x 13.4 x 16 | N   |                     |
| 5      | 35512485    | 180°  | F      | E    | 33.15 x 13.4 x 16 | N   |                     |
| 6      | 35512486    | 180°  | F      | F    | 33.15 x 13.4 x 16 | N   |                     |
| 5      | 35512487    | 180°  | F      | Z    | 33.15 x 13.4 x 16 | N   |                     |
| 8      | 35610597    | 180°  | F      | A    | 33.15 x 13.4 x 16 | Y   |                     |
| 9      | 35610598    | 180°  | F      | B    | 33.15 x 13.4 x 16 | Y   |                     |
| 10     | 35610599    | 180°  | F      | C    | 33.15 x 13.4 x 16 | Y   |                     |
| 11     | 35610600    | 180°  | F      | D    | 33.15 x 13.4 x 16 | Y   |                     |
| 12     | 35610601    | 180°  | F      | E    | 33.15 x 13.4 x 16 | Y   |                     |
| 13     | 35610602    | 180°  | F      | F    | 33.15 x 13.4 x 16 | Y   |                     |
| 14     | 35610603    | 180°  | F      | Z    | 33.15 x 13.4 x 16 | Y   |                     |

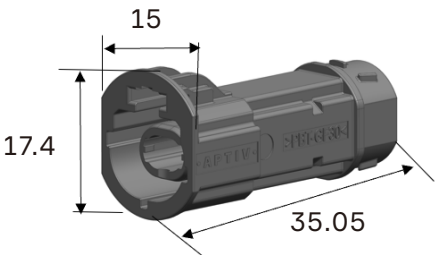
Accessory Parts

| Configuration      | 1port female TPA | CPA(optional) | 1port female housing | Wire seal | Cover    |
|--------------------|------------------|---------------|----------------------|-----------|----------|
| Product Image      |                  |               |                      |           |          |
| Code A part number | 35453735         | 35453737      | 35512451             | 15324996  | 35453736 |

Compatible Terminals

| Part Number | 35719737 | 35719762  |
|-------------|----------|-----------|
| Wire Type   | 1G cable | 10G cable |
| Plating     | Au       | Au        |

H-MTD 1 Port Sealed Male Connector without Clip Slot



H-MTD 1P sealed male assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials: HB/V0

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications    | DC Current | Cable Spec                 | Specification | Frequency   |
|-----------------------|------------------|-----------|-----------------|------------|----------------------------|---------------|-------------|
| -40°~105°             | Class 2 (Sealed) | V1b       | Radar/Lidar/ECU | 1.5A max   | G&G 2Speed251, Dacar 647-4 | LV214 USCAR   | DC to 10GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions        | Available Codes     |
|--------|-------------|-------|--------|------|-------------------|---------------------|
| 1      | 35610604    | 180°  | M      | A    | 35.05 x 15 x 17.4 | A, B, C, D, E, F, Z |
| 2      | 35610605    | 180°  | M      | B    | 35.05 x 15 x 17.4 |                     |
| 3      | 35610606    | 180°  | M      | C    | 35.05 x 15 x 17.4 |                     |
| 4      | 35610607    | 180°  | M      | D    | 35.05 x 15 x 17.4 |                     |
| 5      | 35610608    | 180°  | M      | E    | 35.05 x 15 x 17.4 |                     |
| 6      | 35610610    | 180°  | M      | F    | 35.05 x 15 x 17.4 |                     |
| 5      | 35610611    | 180°  | M      | Z    | 35.05 x 15 x 17.4 |                     |

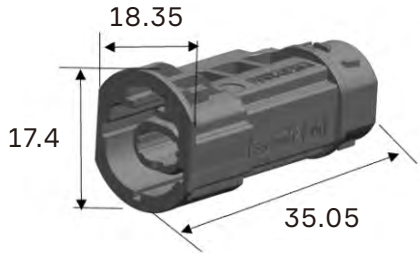
Accessory Parts

| Configuration      | 1port PLR | 1port male housing | Wire seal | Cover    |
|--------------------|-----------|--------------------|-----------|----------|
| Product Image      |           |                    |           |          |
| Code A part number | 35453735  | 35610604           | 15324996  | 35453736 |

Compatible Terminals

| Part Number | 35719761 | 35719839  |
|-------------|----------|-----------|
| Wire Type   | 1G cable | 10G cable |
| Plating     | Au       | Au        |

H-MTD 1 Port Sealed Male Connector with Clip Slot



H-MTD 1P sealed male assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials: HB/V0

Technical Characteristics

| Operating Temperature | Sealing          | Vibration | Applications    | DC Current | Cable Spec                 | Specification | Frequency   |
|-----------------------|------------------|-----------|-----------------|------------|----------------------------|---------------|-------------|
| -40°~105°             | Class 2 (Sealed) | V1b       | Radar/Lidar/ECU | 1.5A max   | G&G 2Speed251, Dacar 647-4 | LV214 USCAR   | DC to 10GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions           | Available Codes     |
|--------|-------------|-------|--------|------|----------------------|---------------------|
| 1      | 35610612    | 180°  | M      | A    | 35.05 x 18.35 x 17.4 | A, B, C, D, E, F, Z |
| 2      | 35610613    | 180°  | M      | B    | 35.05 x 18.35 x 17.4 |                     |
| 3      | 35610614    | 180°  | M      | C    | 35.05 x 18.35 x 17.4 |                     |
| 4      | 35610615    | 180°  | M      | D    | 35.05 x 18.35 x 17.4 |                     |
| 5      | 35610616    | 180°  | M      | E    | 35.05 x 18.35 x 17.4 |                     |
| 6      | 35610617    | 180°  | M      | F    | 35.05 x 18.35 x 17.4 |                     |
| 5      | 35610618    | 180°  | M      | Z    | 35.05 x 18.35 x 17.4 |                     |

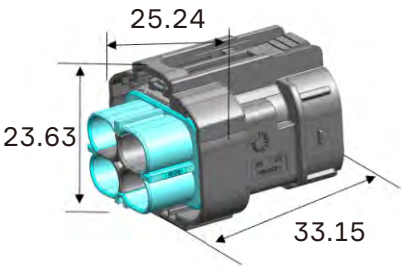
Accessory Parts

| Configuration      | 1port PLR | 1port male housing | Wire seal | Cover    |
|--------------------|-----------|--------------------|-----------|----------|
| Product Image      |           |                    |           |          |
| Code A part number | 35453735  | 35610612           | 15324996  | 35453736 |

Compatible Terminals

| Part Number | 35719761 | 35719839  |
|-------------|----------|-----------|
| Wire Type   | 1G cable | 10G cable |
| Plating     | Au       | Au        |

H-MTD 4 Port Sealed Female Connector



H-MTD 4P sealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials: HB/V0
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications    | DC Current | Cable Spec                 | Specification | Frequency   |
|-----------------------|--------------------|-----------|-----------------|------------|----------------------------|---------------|-------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Radar/Lidar/ECU | 1.5A max   | G&G 2Speed251, Dacar 647-4 | LV214 USCAR   | DC to 10GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions            | CPA | Available Codes     |
|--------|-------------|-------|--------|------|-----------------------|-----|---------------------|
| 1      | 35805034    | 180°  | F      | A    | 33.15 x 25.24 x 23.63 | N   | A, B, C, D, E, F, Z |
| 2      | 35805035    | 180°  | F      | B    | 33.15 x 25.24 x 23.63 | N   |                     |
| 3      | 35805036    | 180°  | F      | C    | 33.15 x 25.24 x 23.63 | N   |                     |
| 4      | 35805037    | 180°  | F      | D    | 33.15 x 25.24 x 23.63 | N   |                     |
| 5      | 35805038    | 180°  | F      | E    | 33.15 x 25.24 x 23.63 | N   |                     |
| 6      | 35805040    | 180°  | F      | F    | 33.15 x 25.24 x 23.63 | N   |                     |
| 5      | 35805041    | 180°  | F      | Z    | 33.15 x 25.24 x 23.63 | N   |                     |
| 8      | 35709353    | 180°  | F      | A    | 33.15 x 25.24 x 23.63 | Y   |                     |
| 9      | 35709354    | 180°  | F      | B    | 33.15 x 25.24 x 23.63 | Y   |                     |
| 10     | 35709356    | 180°  | F      | C    | 33.15 x 25.24 x 23.63 | Y   |                     |
| 11     | 35709358    | 180°  | F      | D    | 33.15 x 25.24 x 23.63 | Y   |                     |
| 12     | 35709360    | 180°  | F      | E    | 33.15 x 25.24 x 23.63 | Y   |                     |
| 13     | 35709364    | 180°  | F      | F    | 33.15 x 25.24 x 23.63 | Y   |                     |
| 14     | 35709366    | 180°  | F      | Z    | 33.15 x 25.24 x 23.63 | Y   |                     |

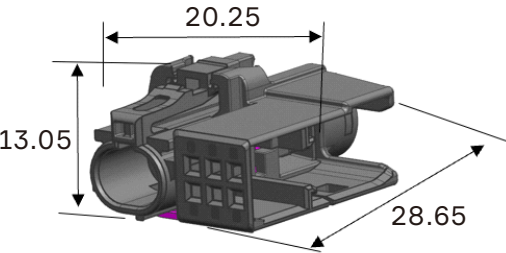
Accessory Parts

| Configuration      | Seal retainer | CPA(optional) | Interface seal | 4port female housing | Cable seal | Retainer back |
|--------------------|---------------|---------------|----------------|----------------------|------------|---------------|
| Product Image      |               |               |                |                      |            |               |
| Code A part number | 35709374      | 35694173      | 35694171       | 35709343             | 35694172   | 35709371      |

Compatible Terminals

| Part Number | 35719737 | 35719762  |
|-------------|----------|-----------|
| Wire Type   | 1G cable | 10G cable |
| Plating     | Au       | Au        |

H-MTD 1+6 Port Unsealed Female Connector



H-MTD 1+6P unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials: HB/V0
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications    | DC Current | Cable Spec                 | Specification | Frequency   |
|-----------------------|--------------------|-----------|-----------------|------------|----------------------------|---------------|-------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Radar/Lidar/ECU | 1.5A max   | G&G 2Speed251, Dacar 647-4 | LV214 USCAR   | DC to 10GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions            | Available Codes     |
|--------|-------------|-------|--------|------|-----------------------|---------------------|
| 1      | 35706480    | 180°  | F      | A    | 28.65 x 20.25 x 13.05 | A, B, C, D, E, F, Z |
| 2      | 35706481    | 180°  | F      | B    | 28.65 x 20.25 x 13.05 |                     |
| 3      | 35706482    | 180°  | F      | C    | 28.65 x 20.25 x 13.05 |                     |
| 4      | 35706483    | 180°  | F      | D    | 28.65 x 20.25 x 13.05 |                     |
| 5      | 35706484    | 180°  | F      | E    | 28.65 x 20.25 x 13.05 |                     |
| 6      | 35706485    | 180°  | F      | F    | 28.65 x 20.25 x 13.05 | A, B, C, D, E, F, Z |
| 5      | 35706486    | 180°  | F      | Z    | 28.65 x 20.25 x 13.05 |                     |

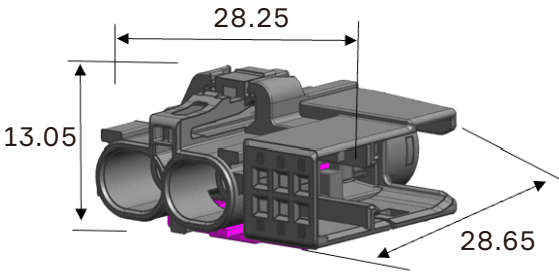
Accessory Parts

| Configuration      | 1port female TPA | 1+6 female housing | 6port module |
|--------------------|------------------|--------------------|--------------|
| Product Image      |                  |                    |              |
| Code A part number | 35407690         | 35706473           | 35407689     |

Compatible Terminals

| Part Number | 35719737 | 35719762  |
|-------------|----------|-----------|
| Wire Type   | 1G cable | 10G cable |
| Plating     | Au       | Au        |

H-MTD 2+6 Port Unsealed Female Connector



H-MTD 2+6P unsealed female assembly

Product Features

- Cost effective stamped terminals
- Wide range of cable types
- Serviceable design
- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback
- Optional materials: HB/V0
- Optional CPA

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications    | DC Current | Cable Spec                 | Specification | Frequency   |
|-----------------------|--------------------|-----------|-----------------|------------|----------------------------|---------------|-------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Radar/Lidar/ECU | 1.5A max   | G&G 2Speed251, Dacar 647-4 | LV214 USCAR   | DC to 10GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions            | Available Codes     |
|--------|-------------|-------|--------|------|-----------------------|---------------------|
| 1      | 35706814    | 180°  | F      | A    | 28.65 x 28.25 x 13.05 | A, B, C, D, E, F, Z |
| 2      | 35706815    | 180°  | F      | B    | 28.65 x 28.25 x 13.05 |                     |
| 3      | 35706816    | 180°  | F      | C    | 28.65 x 28.25 x 13.05 |                     |
| 4      | 35706817    | 180°  | F      | D    | 28.65 x 28.25 x 13.05 |                     |
| 5      | 35706818    | 180°  | F      | E    | 28.65 x 28.25 x 13.05 |                     |
| 6      | 35706819    | 180°  | F      | F    | 28.65 x 28.25 x 13.05 | A, B, C, D, E, F, Z |
| 5      | 35706821    | 180°  | F      | Z    | 28.65 x 28.25 x 13.05 |                     |

Accessory Parts

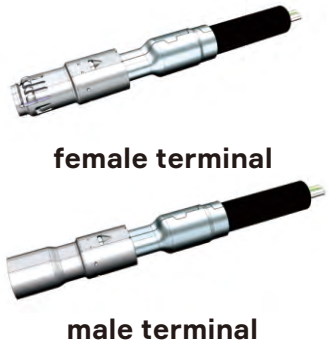
| Configuration      | 1port female TPA | 2+6 female housing | 6port module |
|--------------------|------------------|--------------------|--------------|
| Product Image      |                  |                    |              |
| Code A part number | 35407681         | 35706807           | 35407689     |

Compatible Terminals

| Part Number | 35719737 | 35719762  |
|-------------|----------|-----------|
| Wire Type   | 1G cable | 10G cable |
| Plating     | Au       | Au        |



H-MTD 180° Female Terminal



Product Features

- Impedance 100 Ω
- Frequency range DC up to 20 GHz
- High data rates up to 56 Gbps
- Mating cycles ≥ 25; waterproof versions ≥ 5
- Single, double, quad, six housings
- Waterproof versions
- Suitable for STP and SPP cables
- Small dimensions
- Compliant to all common automotive standards

Technical Characteristics

| Operating Temperature | Sealing         | Vibration | Applications    | DC Current | Cable Spec     | Specification              | Frequency       |
|-----------------------|-----------------|-----------|-----------------|------------|----------------|----------------------------|-----------------|
| -40°~105°             | Unsealed/Sealed | Class 2   | Radar/Lidar/ECU | 1.5A max   | G&G, Dacar 547 | USCAR2-7<br>GMW3191<br>Tc9 | DC up to 20 GHz |

Main Part Numbers

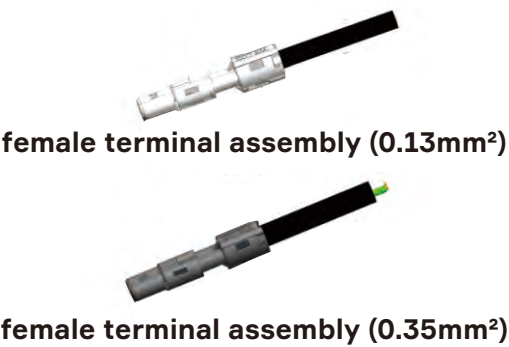
| Number | Part Number | Angle | Gender | Cable Size  | Dimensions          | Available Codes |
|--------|-------------|-------|--------|-------------|---------------------|-----------------|
| 1      | 35837619    | 180°  | F      | 2 x 0.13mm² | 25.85 x 6.05 x 4.05 | All codes       |
| 2      | 35884609    | 180°  | F      | 2 x 0.14mm² | 25.85 x 6.05 x 4.05 |                 |
| 3      | 35719761    | 180°  | M      | 2 x 0.13mm² | 27.8 x 6.05 x 4.05  |                 |
| 4      | 35719839    | 180°  | M      | 2 x 0.14mm² | 27.8 x 6.05 x 4.05  |                 |

Compatible connector

| Configuration      | 1port unsld female connector | 2port unsld female connector |
|--------------------|------------------------------|------------------------------|
| Product Image      |                              |                              |
| Code A part number | 35546261                     | 35602706                     |

| Configuration      | 4port unsld female connector | 6port unsld female connector |
|--------------------|------------------------------|------------------------------|
| Product Image      |                              |                              |
| Code A part number | 35477104                     | 35761437                     |

H-MTD UTP Female Terminal



Product Features

- Terminal is both Cavity and Interface compatible with competitor B.
- Various cable applications (100 Mbps ethernet cable, 1000 Mbps ethernet)
- Upper and lower covers are clamped together and assembled in the shield without using any welding, jointing or any other additional process, which can lower the cost of labor and production.
- Patent applied for 180deg H-MTD UTP male terminal.
- Male tulips orientation and wire cable orientation/forming can be viewed in assembly station, these steps can keep terminal in good quality.

Technical Characteristics

| Operating Temperature | Sealing | Vibration | Applications    | DC Current | Cable Spec     | Specification  | Frequency  |
|-----------------------|---------|-----------|-----------------|------------|----------------|----------------|------------|
| -40°~105°             | —       | —         | Radar/Lidar/ECU | 1.5A max   | G&G, Dacar 647 | LV214<br>USCAR | DC to 1GHz |

Main Part Numbers

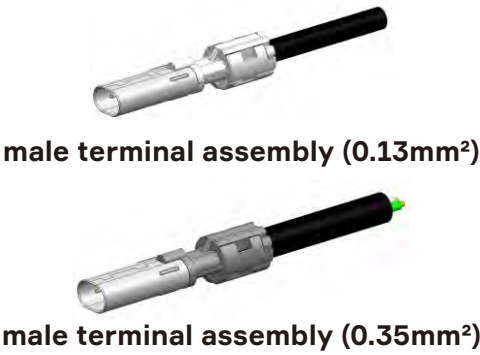
| Number | Part Number | Angle | Gender | Cable Size | Dimensions       | Available Codes     |
|--------|-------------|-------|--------|------------|------------------|---------------------|
| 1      | 35849330    | 180°  | F      | 0.13mm²    | 25.6 x 6.4 x 5.9 | A, B, C, D, E, F, Z |
| 2      | 35849335    | 180°  | F      | 0.35mm²    | 25.6 x 6.4 x 5.9 |                     |

Compatible connector

| Configuration      | 1port unsld female connector | 2port unsld female connector |
|--------------------|------------------------------|------------------------------|
| Product Image      |                              |                              |
| Code A part number | 35546261                     | 35602706                     |

| Configuration      | 4port unsld female connector | 6port unsld female connector |
|--------------------|------------------------------|------------------------------|
| Product Image      |                              |                              |
| Code A part number | 35477104                     | 35761437                     |

H-MTD UTP Male Terminal



Product Features

- Terminal is both Cavity and Interface compatible with competitor B.
- Various cable applications (100 Mbps ethernet cable, 1000 Mbps ethernet)
- Upper and lower covers are clamped together and assembled in the shield without using any welding, jointing or any other additional process, which can lower the cost of labor and production.
- Patent applied for 180deg H-MTD UTP male terminal.
- Male tulips orientation and wire cable orientation/forming can be viewed in assembly station, these steps can keep terminal in good quality.

Technical Characteristics

| Operating Temperature | Sealing | Vibration | Applications    | DC Current | Cable Spec     | Specification  | Frequency  |
|-----------------------|---------|-----------|-----------------|------------|----------------|----------------|------------|
| -40° ~105°            | —       | —         | Radar/Lidar/ECU | 1.5A max   | G&G, Dacar 647 | LV214<br>USCAR | DC to 1GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Cable Size | Dimensions        | Available Codes     |
|--------|-------------|-------|--------|------------|-------------------|---------------------|
| 1      | 35858026    | 180°  | M      | 0.13mm²    | 27.49 x 6.4 x 5.9 | A, B, C, D, E, F, Z |
| 2      | 35858027    | 180°  | M      | 0.35mm²    | 27.49 x 6.4 x 5.9 |                     |

Compatible Connector

| Configuration      | 1port unsld male connector(w/o clip-slot) | 2port unsd male connector(w/o clip-slot) | 4port unsld male connector(w/o clip-slot) |
|--------------------|-------------------------------------------|------------------------------------------|-------------------------------------------|
| Product Image      |                                           |                                          |                                           |
| Code A part number | 35547127                                  | 35602743                                 | 35805578                                  |

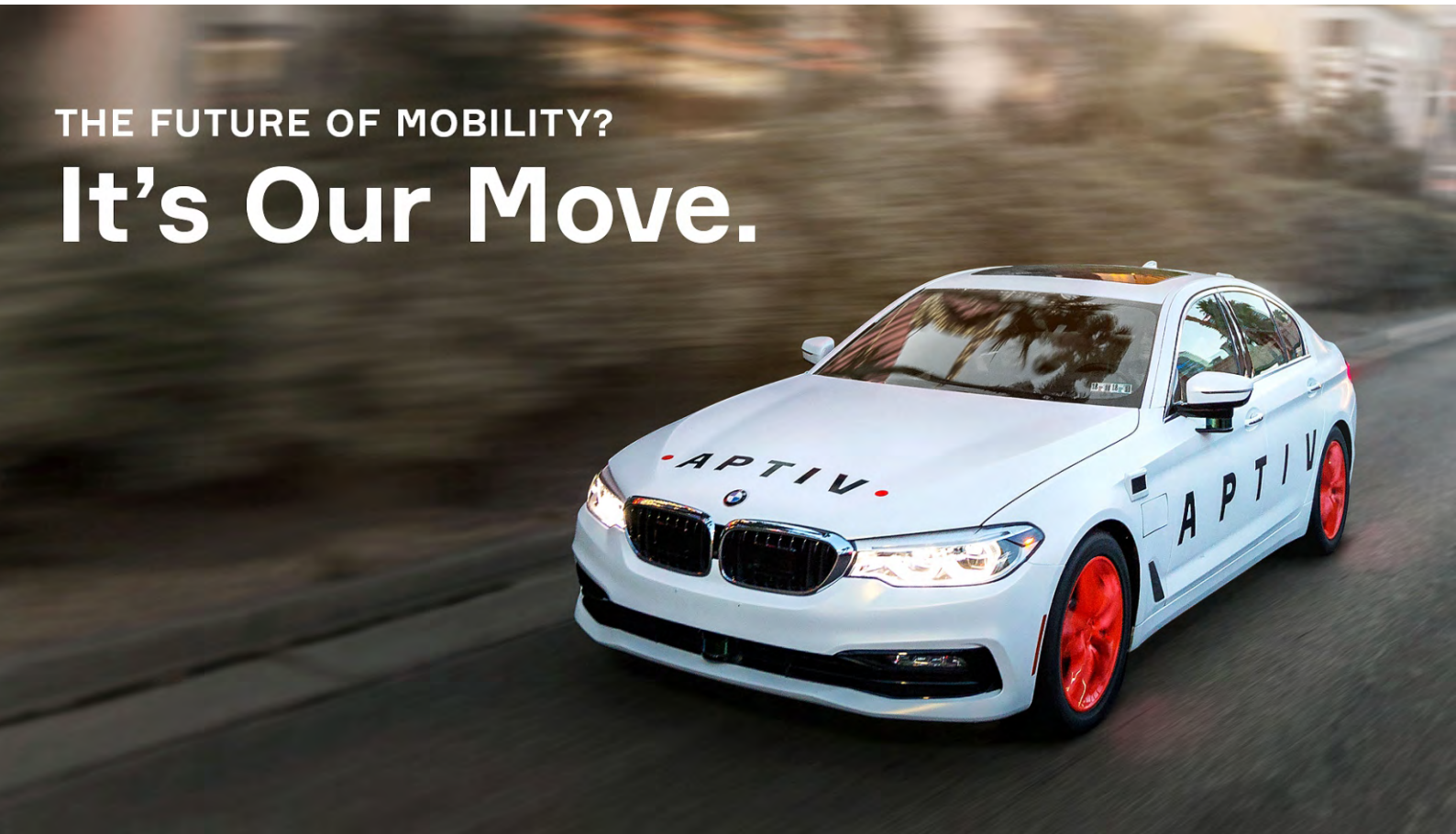
| Configuration      | 1port unsld male connector(w/ clip-slot) | 2port unsd male connector(w/ clip-slot) | 4port unsld male connector(w/ clip-slot) |
|--------------------|------------------------------------------|-----------------------------------------|------------------------------------------|
| Product Image      |                                          |                                         |                                          |
| Code A part number | 35602720                                 | 35602752                                | 35805586                                 |

Multicore Solution

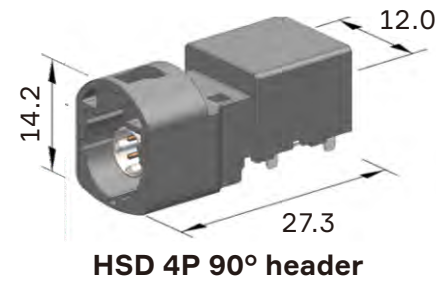
High Speed Data (HSD) connector portfolio supports an impedance-controlled interconnect system for high speed data transmission. This is a high-performance digital system for low-voltage differential signals which prevents interference from crosstalk and external sources.

Aptiv as vehicle USB original designer provide complete and personalize USB solution. Wide ranges of USB portfolios included the Mini-A and Mini-B male header and female connectors to meet latest market requirement.





## HSD 4 Port 90° Header pitch 7.5\*7.7



### Product Features

- Cost effective stamped terminals
- Basic high speed data solution for future autonomous driving and infotainment application
- Ergonomic design
- Stable performance across various temperatures & frequencies

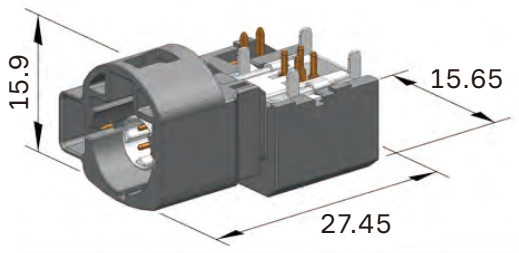
### Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                                                      | Frequency  |
|-----------------------|--------------------|-----------|-------------------------------------------------------------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Display/Infotainment Head Units/Cluster Display/360 Around Camera | DC to 2GHz |

### Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions(mm)   | Available Codes |
|--------|-------------|-------|--------|------|------------------|-----------------|
| 1      | 35211239    | 90°   | M      | A    | 12 x 27.3 x 14.2 | A,B,C,D,E,F,Z   |
| 2      | 35211244    | 90°   | M      | B    | 12 x 27.3 x 14.2 |                 |
| 3      | 35211245    | 90°   | M      | C    | 12 x 27.3 x 14.2 |                 |
| 4      | 35211246    | 90°   | M      | D    | 12 x 27.3 x 14.2 |                 |
| 5      | 35211247    | 90°   | M      | E    | 12 x 27.3 x 14.2 |                 |
| 6      | 35211248    | 90°   | M      | F    | 12 x 27.3 x 14.2 |                 |
| 7      | 35211238    | 90°   | M      | Z    | 12 x 27.3 x 14.2 |                 |

HSD 4 Port+2 90° Header  
pitch 7.5\*7.7



HSD 4P+2 90° header

Product Features

- Cost effective stamped terminals
- Basic high speed data solution for future autonomous driving and infotainment application
- Ergonomic design
- Stable performance across various temperatures & frequencies

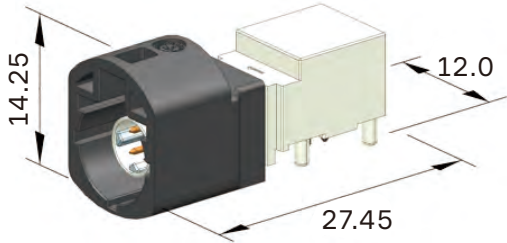
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                                                      | Frequency  |
|-----------------------|--------------------|-----------|-------------------------------------------------------------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Display/Infotainment Head Units/Cluster Display/360 Around Camera | DC to 2GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions(mm)       | Available Codes     |
|--------|-------------|-------|--------|------|----------------------|---------------------|
| 1      | 35181255    | 90°   | M      | A    | 15.65 x 27.45 x 15.9 | A, B, C, D, E, F, Z |
| 2      | 35181256    | 90°   | M      | B    | 15.65 x 27.45 x 15.9 |                     |
| 3      | 35181257    | 90°   | M      | C    | 15.65 x 27.45 x 15.9 |                     |
| 4      | 35181258    | 90°   | M      | D    | 15.65 x 27.45 x 15.9 |                     |
| 5      | 35181259    | 90°   | M      | E    | 15.65 x 27.45 x 15.9 |                     |
| 6      | 35181260    | 90°   | M      | F    | 15.65 x 27.45 x 15.9 |                     |
| 7      | 35181261    | 90°   | M      | Z    | 15.65 x 27.45 x 15.9 |                     |

HSD 4 Port 90° Header  
pitch 7.5\*7.5



HSD 4P 90° header

Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Ergonomic design
- Stable performance across various temperatures & frequencies

Technical Characteristics

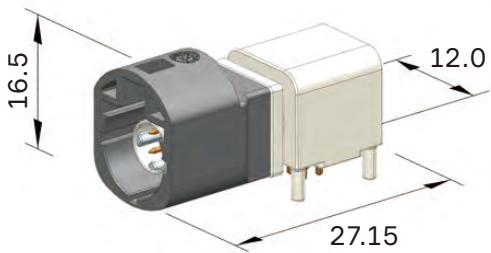
| Operating Temperature | Sealing            | Vibration | Applications                                                      | Frequency  |
|-----------------------|--------------------|-----------|-------------------------------------------------------------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Display/Infotainment Head Units/Cluster Display/360 Around Camera | DC to 2GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions(mm)     | Available Codes                          |
|--------|-------------|-------|--------|------|--------------------|------------------------------------------|
| 1      | 35598102    | 90°   | M      | A    | 12 x 27.45 x 14.25 | A, B, C, D, E, F, G, H, J, K, L, M, O, Z |
| 2      | 35598103    | 90°   | M      | B    | 12 x 27.45 x 14.25 |                                          |
| 3      | 35598104    | 90°   | M      | C    | 12 x 27.45 x 14.25 |                                          |
| 4      | 35600306    | 90°   | M      | D    | 12 x 27.45 x 14.25 |                                          |
| 5      | 35600307    | 90°   | M      | E    | 12 x 27.45 x 14.25 |                                          |
| 6      | 35600311    | 90°   | M      | F    | 12 x 27.45 x 14.25 |                                          |
| 7      | 35600312    | 90°   | M      | G    | 12 x 27.45 x 14.25 |                                          |
| 8      | 35600313    | 90°   | M      | H    | 12 x 27.45 x 14.25 |                                          |
| 9      | 35600314    | 90°   | M      | J    | 12 x 27.45 x 14.25 |                                          |
| 10     | 35601367    | 90°   | M      | K    | 12 x 27.45 x 14.25 |                                          |
| 11     | 35601368    | 90°   | M      | L    | 12 x 27.45 x 14.25 |                                          |
| 12     | 35601369    | 90°   | M      | M    | 12 x 27.45 x 14.25 |                                          |
| 13     | 35601370    | 90°   | M      | O    | 12 x 27.45 x 14.25 |                                          |
| 14     | 35601372    | 90°   | M      | Z    | 12 x 27.45 x 14.25 |                                          |



HSD 4 Port 90° Header  
pitch 9\*9



HSD 4P 90° header

Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Ergonomic design
- Stable performance across various temperatures & frequencies

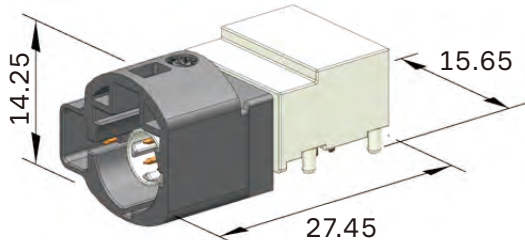
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                                                      | Frequency  |
|-----------------------|--------------------|-----------|-------------------------------------------------------------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Display/Infotainment Head Units/Cluster Display/360 Around Camera | DC to 2GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions(mm)    | Available Codes     |
|--------|-------------|-------|--------|------|-------------------|---------------------|
| 1      | 35602360    | 90°   | M      | A    | 12 x 27.15 x 16.5 | A, B, C, D, E, F, Z |
| 2      | 35602361    | 90°   | M      | B    | 12 x 27.15 x 16.5 |                     |
| 3      | 35602362    | 90°   | M      | C    | 12 x 27.15 x 16.5 |                     |
| 4      | 35602363    | 90°   | M      | D    | 12 x 27.15 x 16.5 |                     |
| 5      | 35602364    | 90°   | M      | E    | 12 x 27.15 x 16.5 |                     |
| 6      | 35602365    | 90°   | M      | F    | 12 x 27.15 x 16.5 |                     |
| 7      | 35602366    | 90°   | M      | Z    | 12 x 27.15 x 16.5 |                     |

HSD 4 Port+2 90° Header  
pitch 7.5\*7.5



HSD 4P+2 90° header

Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Ergonomic design
- Stable performance across various temperatures & frequencies

Technical Characteristics

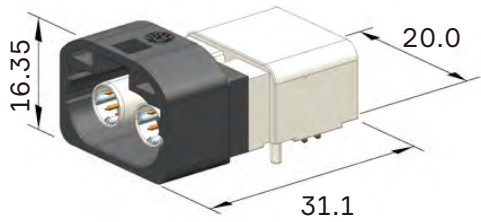
| Operating Temperature | Sealing            | Vibration | Applications                                                      | Frequency  |
|-----------------------|--------------------|-----------|-------------------------------------------------------------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Display/Infotainment Head Units/Cluster Display/360 Around Camera | DC to 2GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions(mm)        | Available Codes     |
|--------|-------------|-------|--------|------|-----------------------|---------------------|
| 1      | 35602323    | 90°   | M      | A    | 27.45 x 15.65 x 14.25 | A, B, C, D, E, F, Z |
| 2      | 35602324    | 90°   | M      | B    | 27.45 x 15.65 x 14.25 |                     |
| 3      | 35602325    | 90°   | M      | C    | 27.45 x 15.65 x 14.25 |                     |
| 4      | 35602326    | 90°   | M      | D    | 27.45 x 15.65 x 14.25 |                     |
| 5      | 35602327    | 90°   | M      | E    | 27.45 x 15.65 x 14.25 |                     |
| 6      | 35602328    | 90°   | M      | F    | 27.45 x 15.65 x 14.25 |                     |
| 7      | 35602329    | 90°   | M      | Z    | 27.45 x 15.65 x 14.25 |                     |



HSD 2\*4 Port 90° Header  
pitch 8



HSD 2\*4P 90° header

Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Ergonomic design
- Stable performance across various temperatures & frequencies

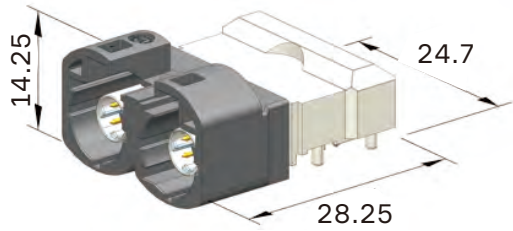
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                                                      | Frequency  |
|-----------------------|--------------------|-----------|-------------------------------------------------------------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Display/Infotainment Head Units/Cluster Display/360 Around Camera | DC to 2GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions(mm)    | Available Codes     |
|--------|-------------|-------|--------|------|-------------------|---------------------|
| 1      | 35602331    | 90°   | M      | A    | 20 x 31.1 x 16.35 | A, B, C, D, E, F, Z |
| 2      | 35602335    | 90°   | M      | B    | 20 x 31.1 x 16.35 |                     |
| 3      | 35602336    | 90°   | M      | C    | 20 x 31.1 x 16.35 |                     |
| 4      | 35602338    | 90°   | M      | D    | 20 x 31.1 x 16.35 |                     |
| 5      | 35602339    | 90°   | M      | E    | 20 x 31.1 x 16.35 |                     |
| 6      | 35602340    | 90°   | M      | F    | 20 x 31.1 x 16.35 |                     |
| 7      | 35602341    | 90°   | M      | Z    | 20 x 31.1 x 16.35 |                     |

HSD 2\*4 Port 90° Header  
pitch 12.7



HSD 2\*4P 90° header

Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Ergonomic design
- Stable performance across various temperatures & frequencies

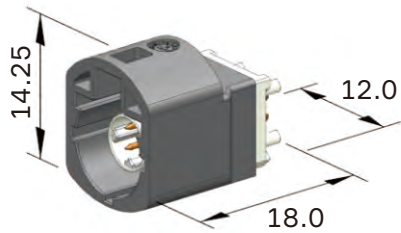
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                                                      | Frequency  |
|-----------------------|--------------------|-----------|-------------------------------------------------------------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Display/Infotainment Head Units/Cluster Display/360 Around Camera | DC to 2GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions(mm)       | Available Codes     |
|--------|-------------|-------|--------|------|----------------------|---------------------|
| 1      | 35602342    | 90°   | M      | A    | 24.7 x 28.25 x 14.25 | A, B, C, D, E, F, Z |
| 2      | 35602343    | 90°   | M      | B    | 24.7 x 28.25 x 14.25 |                     |
| 3      | 35602356    | 90°   | M      | C    | 24.7 x 28.25 x 14.25 |                     |
| 4      | 35602357    | 90°   | M      | D    | 24.7 x 28.25 x 14.25 |                     |
| 5      | 35602358    | 90°   | M      | E    | 24.7 x 28.25 x 14.25 |                     |
| 6      | 35602367    | 90°   | M      | F    | 24.7 x 28.25 x 14.25 |                     |
| 7      | 35602359    | 90°   | M      | Z    | 24.7 x 28.25 x 14.25 |                     |

HSD 4+2 Port 180° Header  
pitch 5.02\*5.02



HSD 4+2P 180° header

Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Ergonomic design
- Stable performance across various temperatures & frequencies

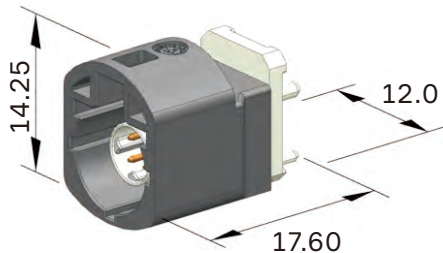
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                                                      | Frequency  |
|-----------------------|--------------------|-----------|-------------------------------------------------------------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Display/Infotainment Head Units/Cluster Display/360 Around Camera | DC to 2GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions(mm)  | Available Codes     |
|--------|-------------|-------|--------|------|-----------------|---------------------|
| 1      | 35626528    | 180°  | M      | A    | 12 x 18 x 14.25 | A, B, C, D, E, F, Z |
| 2      | 35626529    | 180°  | M      | B    | 12 x 18 x 14.25 |                     |
| 3      | 35626530    | 180°  | M      | C    | 12 x 18 x 14.25 |                     |
| 4      | 35626531    | 180°  | M      | D    | 12 x 18 x 14.25 |                     |
| 5      | 35626532    | 180°  | M      | E    | 12 x 18 x 14.25 |                     |
| 6      | 35626533    | 180°  | M      | F    | 12 x 18 x 14.25 |                     |
| 7      | 35626534    | 180°  | M      | Z    | 12 x 18 x 14.25 |                     |

HSD 4 Port 180° Header  
pitch 6\*6



HSD 4P 180° header

Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Ergonomic design
- Stable performance across various temperatures & frequencies

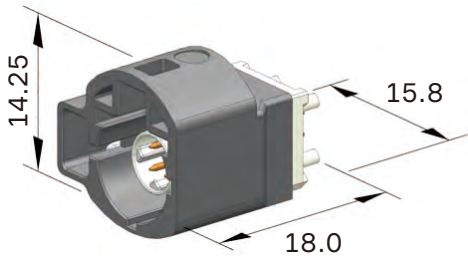
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                                                      | Frequency  |
|-----------------------|--------------------|-----------|-------------------------------------------------------------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Display/Infotainment Head Units/Cluster Display/360 Around Camera | DC to 2GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions(mm)     | Available Codes                          |
|--------|-------------|-------|--------|------|--------------------|------------------------------------------|
| 1      | 35601409    | 180°  | M      | A    | 12 x 17.60 x 14.25 | A, B, C, D, E, F, G, H, J, K, L, M, O, Z |
| 2      | 35601410    | 180°  | M      | B    | 12 x 17.60 x 14.25 |                                          |
| 3      | 35601411    | 180°  | M      | C    | 12 x 17.60 x 14.25 |                                          |
| 4      | 35601412    | 180°  | M      | D    | 12 x 17.60 x 14.25 |                                          |
| 5      | 35601413    | 180°  | M      | E    | 12 x 17.60 x 14.25 |                                          |
| 6      | 35601414    | 180°  | M      | F    | 12 x 17.60 x 14.25 |                                          |
| 7      | 35601415    | 180°  | M      | G    | 12 x 17.60 x 14.25 |                                          |
| 8      | 35601416    | 180°  | M      | H    | 12 x 17.60 x 14.25 |                                          |
| 9      | 35602307    | 180°  | M      | J    | 12 x 17.60 x 14.25 |                                          |
| 10     | 35602308    | 180°  | M      | K    | 12 x 17.60 x 14.25 |                                          |
| 11     | 35602309    | 180°  | M      | L    | 12 x 17.60 x 14.25 |                                          |
| 12     | 35602310    | 180°  | M      | M    | 12 x 17.60 x 14.25 |                                          |
| 13     | 35602311    | 180°  | M      | O    | 12 x 17.60 x 14.25 |                                          |
| 14     | 35602312    | 180°  | M      | Z    | 12 x 17.60 x 14.25 |                                          |

HSD 4 Port+2 180° Header  
pitch 5.02\*5.02



HSD 4+2P 180° header

Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Ergonomic design
- Stable performance across various temperatures & frequencies

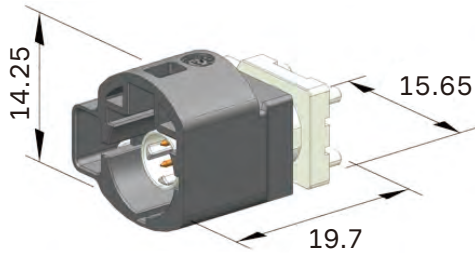
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                                                      | Frequency  |
|-----------------------|--------------------|-----------|-------------------------------------------------------------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Display/Infotainment Head Units/Cluster Display/360 Around Camera | DC to 2GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions(mm)    | Available Codes     |
|--------|-------------|-------|--------|------|-------------------|---------------------|
| 1      | 35617208    | 180°  | M      | A    | 15.8 x 18 x 14.25 | A, B, C, D, E, F, Z |
| 2      | 35617209    | 180°  | M      | B    | 15.8 x 18 x 14.25 |                     |
| 3      | 35617210    | 180°  | M      | C    | 15.8 x 18 x 14.25 |                     |
| 4      | 35617211    | 180°  | M      | D    | 15.8 x 18 x 14.25 |                     |
| 5      | 35617212    | 180°  | M      | E    | 15.8 x 18 x 14.25 |                     |
| 6      | 35617213    | 180°  | M      | F    | 15.8 x 18 x 14.25 |                     |
| 7      | 35617214    | 180°  | M      | Z    | 15.8 x 18 x 14.25 |                     |

HSD 4 Port+2 180° Header  
pitch 7\*6



HSD 4+2P 180° header

Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Ergonomic design
- Stable performance across various temperatures & frequencies

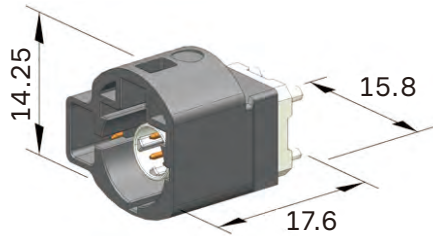
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                                                      | Frequency  |
|-----------------------|--------------------|-----------|-------------------------------------------------------------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Display/Infotainment Head Units/Cluster Display/360 Around Camera | DC to 2GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions(mm)       | Available Codes     |
|--------|-------------|-------|--------|------|----------------------|---------------------|
| 1      | 35602313    | 180°  | M      | A    | 15.65 x 19.7 x 14.25 | A, B, C, D, E, F, Z |
| 2      | 35602314    | 180°  | M      | B    | 15.65 x 19.7 x 14.25 |                     |
| 3      | 35602315    | 180°  | M      | C    | 15.65 x 19.7 x 14.25 |                     |
| 4      | 35602316    | 180°  | M      | D    | 15.65 x 19.7 x 14.25 |                     |
| 5      | 35602317    | 180°  | M      | E    | 15.65 x 19.7 x 14.25 |                     |
| 6      | 35602319    | 180°  | M      | F    | 15.65 x 19.7 x 14.25 |                     |
| 7      | 35602322    | 180°  | M      | Z    | 15.65 x 19.7 x 14.25 |                     |

HSD 4 Port+2 180° Header  
pitch 6\*6



HSD 4+2P 180° header

Product Features

- Basic high speed data solution for future autonomous driving and infotainment application
- Ergonomic design
- Stable performance across various temperatures & frequencies

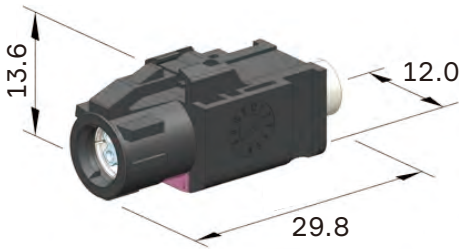
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                                                      | Frequency  |
|-----------------------|--------------------|-----------|-------------------------------------------------------------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Display/Infotainment Head Units/Cluster Display/360 Around Camera | DC to 2GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions(mm)      | Available Codes     |
|--------|-------------|-------|--------|------|---------------------|---------------------|
| 1      | 35656710    | 180°  | M      | A    | 17.6 x 15.8 x 14.25 | A, B, C, D, E, F, Z |
| 2      | 35656711    | 180°  | M      | B    | 17.6 x 15.8 x 14.25 |                     |
| 3      | 35656713    | 180°  | M      | C    | 17.6 x 15.8 x 14.25 |                     |
| 4      | 35656714    | 180°  | M      | D    | 17.6 x 15.8 x 14.25 |                     |
| 5      | 35656715    | 180°  | M      | E    | 17.6 x 15.8 x 14.25 |                     |
| 6      | 35656716    | 180°  | M      | F    | 17.6 x 15.8 x 14.25 |                     |
| 7      | 35656717    | 180°  | M      | Z    | 17.6 x 15.8 x 14.25 |                     |

HSD 4 Port 180° Female Connector



HSD 4P 180° female assembly

Product Features

- Cost effective stamped terminals
- Basic high speed data solution for future autonomous driving and infotainment application
- Ergonomic design
- Stable performance across various temperatures & frequencies

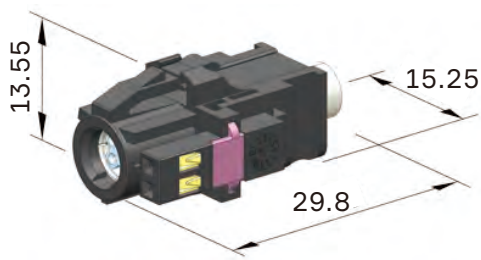
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                                                      | Specification | Frequency  |
|-----------------------|--------------------|-----------|-------------------------------------------------------------------|---------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Display/Infotainment Head Units/Cluster Display/360 Around Camera | LV214 USCAR   | DC to 2GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions(mm)   | Available Codes                    |
|--------|-------------|-------|--------|------|------------------|------------------------------------|
| 1      | 35531834    | 180°  | F      | A    | 12 x 29.8 x 13.6 | A, B, C, D, E, F, G, H, J, K, L, M |
| 2      | 35531836    | 180°  | F      | B    | 12 x 29.8 x 13.6 |                                    |
| 3      | 35531837    | 180°  | F      | C    | 12 x 29.8 x 13.6 |                                    |
| 4      | 35531838    | 180°  | F      | D    | 12 x 29.8 x 13.6 |                                    |
| 5      | 35531839    | 180°  | F      | E    | 12 x 29.8 x 13.6 |                                    |
| 6      | 35531840    | 180°  | F      | F    | 12 x 29.8 x 13.6 |                                    |
| 7      | 35531841    | 180°  | F      | G    | 12 x 29.8 x 13.6 |                                    |
| 8      | 35531842    | 180°  | F      | H    | 12 x 29.8 x 13.6 |                                    |
| 9      | 35531843    | 180°  | F      | J    | 12 x 29.8 x 13.6 |                                    |
| 10     | 35531844    | 180°  | F      | K    | 12 x 29.8 x 13.6 |                                    |
| 11     | 35531845    | 180°  | F      | L    | 12 x 29.8 x 13.6 |                                    |
| 12     | 35531846    | 180°  | F      | M    | 12 x 29.8 x 13.6 |                                    |

HSD 4 Port+2 180° Female Connector



Product Features

- Cost effective stamped terminals
- Basic high speed data solution for future autonomous driving and infotainment application
- Ergonomic design
- Stable performance across various temperatures & frequencies

HSD 4P+2 180° female assembly

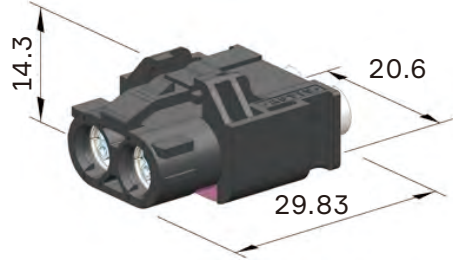
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                                                      | Specification  | Frequency  |
|-----------------------|--------------------|-----------|-------------------------------------------------------------------|----------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Display/Infotainment Head Units/Cluster Display/360 Around Camera | LV214<br>USCAR | DC to 2GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions(mm)       | Available Codes  |
|--------|-------------|-------|--------|------|----------------------|------------------|
| 1      | 35531847    | 180°  | F      | A    | 15.25 x 29.8 x 13.55 | A, B, C, D, E, F |
| 2      | 35531849    | 180°  | F      | B    | 15.25 x 29.8 x 13.55 |                  |
| 3      | 35531850    | 180°  | F      | C    | 15.25 x 29.8 x 13.55 |                  |
| 4      | 35531851    | 180°  | F      | D    | 15.25 x 29.8 x 13.55 |                  |
| 5      | 35531852    | 180°  | F      | E    | 15.25 x 29.8 x 13.55 |                  |
| 6      | 35531853    | 180°  | F      | F    | 15.25 x 29.8 x 13.55 |                  |

HSD 2\*4 Port 180° Female Connector



Product Features

- Cost effective stamped terminals
- Basic high speed data solution for future autonomous driving and infotainment application
- Ergonomic design
- Stable performance across various temperatures & frequencies

HSD 2\*4P 180° female assembly

Technical Characteristics

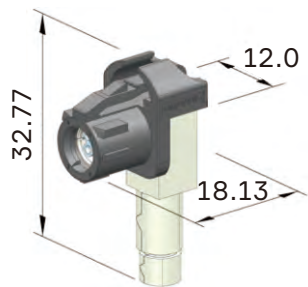
| Operating Temperature | Sealing            | Vibration | Applications                                                      | Specification  | Frequency  |
|-----------------------|--------------------|-----------|-------------------------------------------------------------------|----------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Display/Infotainment Head Units/Cluster Display/360 Around Camera | LV214<br>USCAR | DC to 2GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions(mm)      | Available Codes  |
|--------|-------------|-------|--------|------|---------------------|------------------|
| 1      | 35602374    | 180°  | F      | A    | 20.6 x 14.3 x 29.83 | A, B, C, D, E, F |
| 2      | 35602375    | 180°  | F      | B    | 20.6 x 14.3 x 29.83 |                  |
| 3      | 35602376    | 180°  | F      | C    | 20.6 x 14.3 x 29.83 |                  |
| 4      | 35602377    | 180°  | F      | D    | 20.6 x 14.3 x 29.83 |                  |
| 5      | 35602378    | 180°  | F      | E    | 20.6 x 14.3 x 29.83 |                  |
| 6      | 35602379    | 180°  | F      | F    | 20.6 x 14.3 x 29.83 |                  |



HSD 4 Port 90° Female Connector



HSD 4P 90° female assembly

Product Features

- Cost effective stamped terminals
- Basic high speed data solution for future autonomous driving and infotainment application
- Ergonomic design
- Stable performance across various temperatures & frequencies

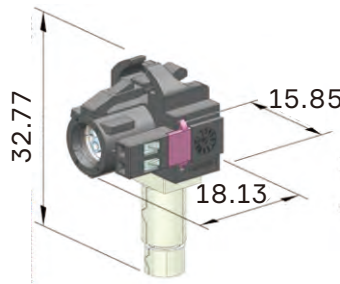
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                                                      | Specification  | Frequency  |
|-----------------------|--------------------|-----------|-------------------------------------------------------------------|----------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Display/Infotainment Head Units/Cluster Display/360 Around Camera | LV214<br>USCAR | DC to 2GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions(mm)     | Available Codes                    |
|--------|-------------|-------|--------|------|--------------------|------------------------------------|
| 1      | 35531862    | 90°   | F      | A    | 12 x 32.77 x 18.13 | A, B, C, D, E, F, G, H, J, K, L, M |
| 2      | 35531864    | 90°   | F      | B    | 12 x 32.77 x 18.13 |                                    |
| 3      | 35531865    | 90°   | F      | C    | 12 x 32.77 x 18.13 |                                    |
| 4      | 35531866    | 90°   | F      | D    | 12 x 32.77 x 18.13 |                                    |
| 5      | 35531867    | 90°   | F      | E    | 12 x 32.77 x 18.13 |                                    |
| 6      | 35531869    | 90°   | F      | F    | 12 x 32.77 x 18.13 |                                    |
| 7      | 35531870    | 90°   | F      | G    | 12 x 32.77 x 18.13 |                                    |
| 8      | 35531871    | 90°   | F      | H    | 12 x 32.77 x 18.13 |                                    |
| 9      | 35531872    | 90°   | F      | J    | 12 x 32.77 x 18.13 |                                    |
| 10     | 35531874    | 90°   | F      | K    | 12 x 32.77 x 18.13 |                                    |
| 11     | 35531875    | 90°   | F      | L    | 12 x 32.77 x 18.13 |                                    |
| 12     | 35531876    | 90°   | F      | M    | 12 x 32.77 x 18.13 |                                    |

HSD 4 Port+2 90° Female Connector



HSD 4P+2 90° female assembly

Product Features

- Cost effective stamped terminals
- Basic high speed data solution for future autonomous driving and infotainment application
- Ergonomic design
- Stable performance across various temperatures & frequencies

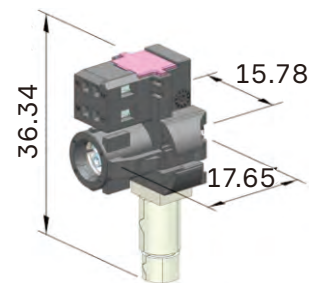
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                                                      | Specification  | Frequency  |
|-----------------------|--------------------|-----------|-------------------------------------------------------------------|----------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Display/Infotainment Head Units/Cluster Display/360 Around Camera | LV214<br>USCAR | DC to 2GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions(mm)        | Available Codes                    |
|--------|-------------|-------|--------|------|-----------------------|------------------------------------|
| 1      | 35532571    | 90°   | F      | A    | 18.13 x 15.85 x 32.77 | A, B, C, D, E, F, G, H, J, K, L, M |
| 2      | 35532573    | 90°   | F      | B    | 18.13 x 15.85 x 32.77 |                                    |
| 3      | 35532574    | 90°   | F      | C    | 18.13 x 15.85 x 32.77 |                                    |
| 4      | 35532588    | 90°   | F      | D    | 18.13 x 15.85 x 32.77 |                                    |
| 5      | 35532600    | 90°   | F      | E    | 18.13 x 15.85 x 32.77 |                                    |
| 6      | 35532601    | 90°   | F      | F    | 18.13 x 15.85 x 32.77 |                                    |
| 7      | 35532602    | 90°   | F      | G    | 18.13 x 15.85 x 32.77 |                                    |
| 8      | 35532603    | 90°   | F      | H    | 18.13 x 15.85 x 32.77 |                                    |
| 9      | 35532637    | 90°   | F      | J    | 18.13 x 15.85 x 32.77 |                                    |
| 10     | 35532644    | 90°   | F      | K    | 18.13 x 15.85 x 32.77 |                                    |
| 11     | 35532658    | 90°   | F      | L    | 18.13 x 15.85 x 32.77 |                                    |
| 12     | 35532664    | 90°   | F      | M    | 18.13 x 15.85 x 32.77 |                                    |

HSD 4 Port+2 180° Female Connector



HSD 4P+2 180° female assembly

Product Features

- Cost effective stamped terminals
- Basic high speed data solution for future autonomous driving and infotainment application
- Ergonomic design
- Stable performance across various temperatures & frequencies

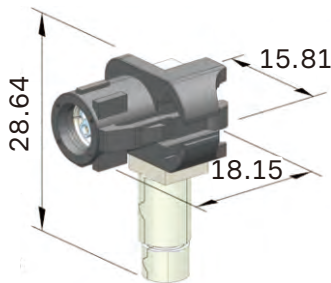
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                                                      | Specification  | Frequency  |
|-----------------------|--------------------|-----------|-------------------------------------------------------------------|----------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Display/Infotainment Head Units/Cluster Display/360 Around Camera | LV214<br>USCAR | DC to 2GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions(mm)        | Available Codes  |
|--------|-------------|-------|--------|------|-----------------------|------------------|
| 1      | 35607234    | 90°   | F      | A    | 17.65 x 15.78 x 36.34 | A, B, C, D, E, F |
| 2      | 35607235    | 90°   | F      | B    | 17.65 x 15.78 x 36.34 |                  |
| 3      | 35607236    | 90°   | F      | C    | 17.65 x 15.78 x 36.34 |                  |
| 4      | 35607237    | 90°   | F      | D    | 17.65 x 15.78 x 36.34 |                  |
| 5      | 35607238    | 90°   | F      | E    | 17.65 x 15.78 x 36.34 |                  |
| 6      | 35607239    | 90°   | F      | F    | 17.65 x 15.78 x 36.34 |                  |

HSD 4 Port 90° Female Connector



HSD 4P 90° female assembly

Product Features

- Cost effective stamped terminals
- Basic high speed data solution for future autonomous driving and infotainment application
- Ergonomic design
- Stable performance across various temperatures & frequencies

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                                                      | Specification  | Frequency  |
|-----------------------|--------------------|-----------|-------------------------------------------------------------------|----------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Display/Infotainment Head Units/Cluster Display/360 Around Camera | LV214<br>USCAR | DC to 2GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions(mm)        | Available Codes  |
|--------|-------------|-------|--------|------|-----------------------|------------------|
| 1      | 35607228    | 90°   | F      | A    | 15.81 x 28.64 x 18.15 | A, B, C, D, E, F |
| 2      | 35607229    | 90°   | F      | B    | 15.81 x 28.64 x 18.15 |                  |
| 3      | 35607230    | 90°   | F      | C    | 15.81 x 28.64 x 18.15 |                  |
| 4      | 35607231    | 90°   | F      | D    | 15.81 x 28.64 x 18.15 |                  |
| 5      | 35607232    | 90°   | F      | E    | 15.81 x 28.64 x 18.15 |                  |
| 6      | 35607233    | 90°   | F      | F    | 15.81 x 28.64 x 18.15 |                  |

HSD 4 Port 180° Male Connector



Product Features

- Cost effective stamped terminals
- Basic high speed data solution for future autonomous driving and infotainment application
- Ergonomic design
- Stable performance across various temperatures & frequencies

HSD 4P 180° female assembly

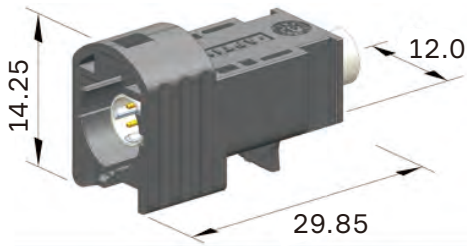
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                                                      | Specification  | Frequency  |
|-----------------------|--------------------|-----------|-------------------------------------------------------------------|----------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Display/Infotainment Head Units/Cluster Display/360 Around Camera | LV214<br>USCAR | DC to 2GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions(mm)     | Available Codes                    |
|--------|-------------|-------|--------|------|--------------------|------------------------------------|
| 1      | 35532736    | 180°  | M      | A    | 12 x 29.85 x 14.25 | A, B, C, D, E, F, G, H, J, K, L, M |
| 2      | 35532746    | 180°  | M      | B    | 12 x 29.85 x 14.25 |                                    |
| 3      | 35532749    | 180°  | M      | C    | 12 x 29.85 x 14.25 |                                    |
| 4      | 35532750    | 180°  | M      | D    | 12 x 29.85 x 14.25 |                                    |
| 5      | 35532751    | 180°  | M      | E    | 12 x 29.85 x 14.25 |                                    |
| 6      | 35532752    | 180°  | M      | F    | 12 x 29.85 x 14.25 |                                    |
| 7      | 35532753    | 180°  | M      | G    | 12 x 29.85 x 14.25 |                                    |
| 8      | 35532754    | 180°  | M      | H    | 12 x 29.85 x 14.25 |                                    |
| 9      | 35532755    | 180°  | M      | J    | 12 x 29.85 x 14.25 |                                    |
| 10     | 35532757    | 180°  | M      | K    | 12 x 29.85 x 14.25 |                                    |
| 11     | 35532764    | 180°  | M      | L    | 12 x 29.85 x 14.25 |                                    |
| 12     | 35532767    | 180°  | M      | M    | 12 x 29.85 x 14.25 |                                    |

HSD 4 Port 180° Male Connector with clipslot



Product Features

- Cost effective stamped terminals
- Basic high speed data solution for future autonomous driving and infotainment application
- Ergonomic design
- Stable performance across various temperatures & frequencies

HSD 4P 180° male assembly

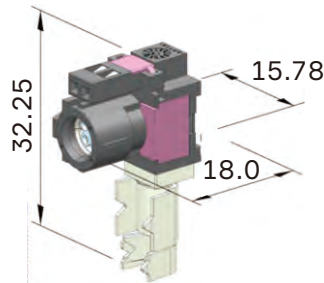
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                                                      | Specification  | Frequency  |
|-----------------------|--------------------|-----------|-------------------------------------------------------------------|----------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Display/Infotainment Head Units/Cluster Display/360 Around Camera | LV214<br>USCAR | DC to 2GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions(mm)    | Available Codes                    |
|--------|-------------|-------|--------|------|-------------------|------------------------------------|
| 1      | 35588429    | 180°  | M      | A    | 12 x 29.85 x 18.6 | A, B, C, D, E, F, G, H, J, K, L, M |
| 2      | 35588434    | 180°  | M      | B    | 12 x 29.85 x 18.6 |                                    |
| 3      | 35588436    | 180°  | M      | C    | 12 x 29.85 x 18.6 |                                    |
| 4      | 35588437    | 180°  | M      | D    | 12 x 29.85 x 18.6 |                                    |
| 5      | 35588438    | 180°  | M      | E    | 12 x 29.85 x 18.6 |                                    |
| 6      | 35588440    | 180°  | M      | F    | 12 x 29.85 x 18.6 |                                    |
| 7      | 35588441    | 180°  | M      | G    | 12 x 29.85 x 18.6 |                                    |
| 8      | 35588442    | 180°  | M      | H    | 12 x 29.85 x 18.6 |                                    |
| 9      | 35588443    | 180°  | M      | J    | 12 x 29.85 x 18.6 |                                    |
| 10     | 35588444    | 180°  | M      | K    | 12 x 29.85 x 18.6 |                                    |
| 11     | 35588445    | 180°  | M      | L    | 12 x 29.85 x 18.6 |                                    |
| 12     | 35588446    | 180°  | M      | M    | 12 x 29.85 x 18.6 |                                    |

HSD 4 Port+2 90° Female Connector



Product Features

- Cost effective stamped terminals
- Basic high speed data solution for future autonomous driving and infotainment application
- Ergonomic design
- Stable performance across various temperatures & frequencies

HSD 4P+2 90° female assembly

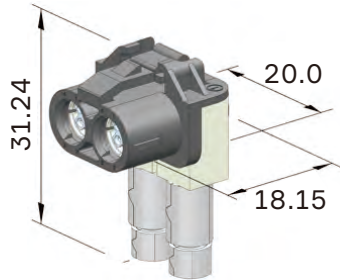
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                                                      | Specification  | Frequency  |
|-----------------------|--------------------|-----------|-------------------------------------------------------------------|----------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Display/Infotainment Head Units/Cluster Display/360 Around Camera | LV214<br>USCAR | DC to 2GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions(mm)     | Available Codes     |
|--------|-------------|-------|--------|------|--------------------|---------------------|
| 1      | 35656771    | 90°   | F      | A    | 15.78 x 32.25 x 18 | A, B, C, D, E, F, Z |
| 2      | 35656772    | 90°   | F      | B    | 15.78 x 32.25 x 18 |                     |
| 3      | 35656773    | 90°   | F      | C    | 15.78 x 32.25 x 18 |                     |
| 4      | 35656774    | 90°   | F      | D    | 15.78 x 32.25 x 18 |                     |
| 5      | 35656775    | 90°   | F      | E    | 15.78 x 32.25 x 18 |                     |
| 6      | 35656776    | 90°   | F      | F    | 15.78 x 32.25 x 18 |                     |
| 7      | 35656777    | 90°   | F      | Z    | 15.78 x 32.25 x 18 |                     |

HSD 2\*4 Port 90° Female Connector



Product Features

- Cost effective stamped terminals
- Basic high speed data solution for future autonomous driving and infotainment application
- Ergonomic design
- Stable performance across various temperatures & frequencies

HSD 2\*4P 90° female assembly

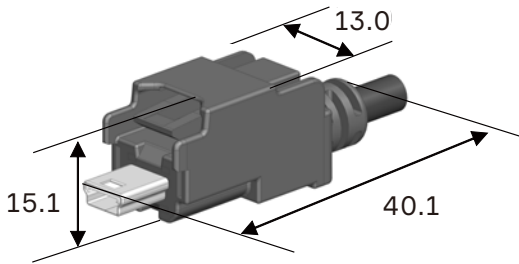
Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications                                                      | Specification  | Frequency  |
|-----------------------|--------------------|-----------|-------------------------------------------------------------------|----------------|------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Display/Infotainment Head Units/Cluster Display/360 Around Camera | LV214<br>USCAR | DC to 2GHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions(mm)     | Available Codes  |
|--------|-------------|-------|--------|------|--------------------|------------------|
| 1      | 35633749    | 90°   | F      | A    | 20 x 31.24 x 18.15 | A, B, C, D, E, F |
| 2      | 35633750    | 90°   | F      | B    | 20 x 31.24 x 18.15 |                  |
| 3      | 35633751    | 90°   | F      | C    | 20 x 31.24 x 18.15 |                  |
| 4      | 35633752    | 90°   | F      | D    | 20 x 31.24 x 18.15 |                  |
| 5      | 35633753    | 90°   | F      | E    | 20 x 31.24 x 18.15 |                  |
| 6      | 35633754    | 90°   | F      | F    | 20 x 31.24 x 18.15 |                  |

USB Straight Male Connector



USB straight male connector assembly

Product Features

- Data transmission to 480 Mbps speed data
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Clear audible click
- Option Multiple bending
- Over-molding strong product structure

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications    | DC Current | Cable Spec | Specification | Frequency    |
|-----------------------|--------------------|-----------|-----------------|------------|------------|---------------|--------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Hubs | 500mA      | USB 2.0    | USCAR-30      | DC to 480MHz |

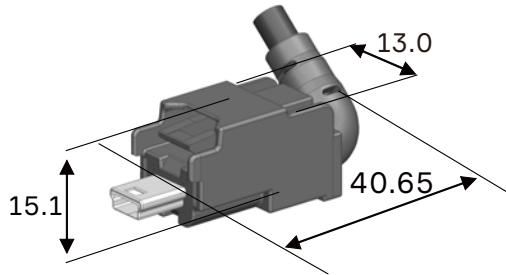
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes              |
|--------|-------------|-------|--------|------|--------------------|------------------------------|
| 1      | 13868727    | 180°  | M      | A    | 40.1 x 13.0 x 15.1 | A, B, C, D, E, F, G, H, J ,K |
| 2      | 13868840    | 180°  | M      | B    | 40.1 x 13.0 x 15.1 |                              |
| 3      | 13886664    | 180°  | M      | C    | 40.1 x 13.0 x 15.1 |                              |
| 4      | 13868839    | 180°  | M      | D    | 40.1 x 13.0 x 15.1 |                              |
| 5      | 13890875    | 180°  | M      | E    | 40.1 x 13.0 x 15.1 |                              |
| 6      | 13869132    | 180°  | M      | F    | 40.1 x 13.0 x 15.1 |                              |
| 7      | 13890876    | 180°  | M      | G    | 40.1 x 13.0 x 15.1 |                              |
| 8      | 13890877    | 180°  | M      | H    | 40.1 x 13.0 x 15.1 |                              |
| 9      | 13890878    | 180°  | M      | J    | 40.1 x 13.0 x 15.1 |                              |
| 10     | 13890879    | 180°  | M      | K    | 40.1 x 13.0 x 15.1 |                              |

Compatible connector

|               |               |
|---------------|---------------|
| Configuration | Inline Female |
| Product Image |               |
| Code A PN     | 13699757      |

USB 90/-40 Angle Male Connector



USB straight male connector assembly

Product Features

- Data transmission to 480 Mbps speed data
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Clear audible click
- Option Multiple bending
- Over-molding strong product structure

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications    | DC Current | Cable Spec | Specification | Frequency    |
|-----------------------|--------------------|-----------|-----------------|------------|------------|---------------|--------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Hubs | 500mA      | USB 2.0    | USCAR-30      | DC to 480MHz |

Main Part Numbers

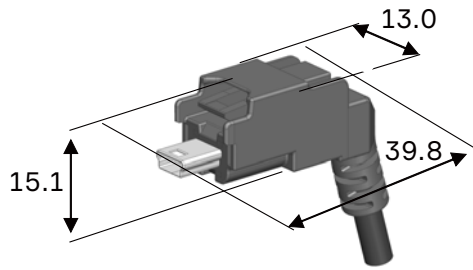
| Number | Part Number | Angle  | Gender | Code | Dimensions          | Available Codes  |
|--------|-------------|--------|--------|------|---------------------|------------------|
| 1      | 13890493    | 90/-40 | M      | A    | 40.65 x 13.0 x 15.1 | A, B, D, F, J, L |
| 2      | 13893631    | 90/-40 | M      | B    | 40.65 x 13.0 x 15.1 |                  |
| 3      | 13874932    | 90/-40 | M      | C    | 40.65 x 13.0 x 15.1 |                  |
| 4      | 13890499    | 90/-40 | M      | D    | 40.65 x 13.0 x 15.1 |                  |
| 5      | 13893632    | 90/-40 | M      | E    | 40.65 x 13.0 x 15.1 |                  |
| 6      | 13893633    | 90/-40 | M      | F    | 40.65 x 13.0 x 15.1 |                  |
| 7      | N/A         | 90/-40 | M      | G    | 40.65 x 13.0 x 15.1 |                  |
| 8      | 13893634    | 90/-40 | M      | H    | 40.65 x 13.0 x 15.1 |                  |
| 9      | 13893635    | 90/-40 | M      | J    | 40.65 x 13.0 x 15.1 |                  |
| 10     | 13893636    | 90/-40 | M      | K    | 40.65 x 13.0 x 15.1 |                  |
| 11     | 13893637    | 90/-40 | M      | L    | 40.65 x 13.0 x 15.1 |                  |

Compatible Connector

|               |               |
|---------------|---------------|
| Configuration | Inline Female |
| Product Image |               |
| Code A PN     | 13699757      |



USB 75/90 Angle Male Connector



Product Features

- Data transmission to 480 Mbps speed data
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Clear audible click
- Option Multiple bending
- Over-molding strong product structure

USB 75/90 angle male connector assembly

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications    | DC Current | Cable Spec | Specification | Frequency    |
|-----------------------|--------------------|-----------|-----------------|------------|------------|---------------|--------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Hubs | 500mA      | USB 2.0    | USCAR-30      | DC to 480MHz |

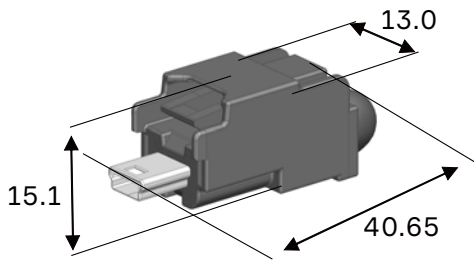
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes |
|--------|-------------|-------|--------|------|--------------------|-----------------|
| 1      | 13890901    | 75/90 | M      | A    | 39.8 x 13.0 x 15.1 | /               |
| 2      | 13890902    | 75/90 | M      | B    | 39.8 x 13.0 x 15.1 |                 |
| 3      | 13890903    | 75/90 | M      | C    | 39.8 x 13.0 x 15.1 |                 |
| 4      | 13890904    | 75/90 | M      | D    | 39.8 x 13.0 x 15.1 |                 |
| 5      | 13890905    | 75/90 | M      | E    | 39.8 x 13.0 x 15.1 |                 |
| 6      | 13890906    | 75/90 | M      | F    | 39.8 x 13.0 x 15.1 |                 |
| 7      | N/A         | 75/90 | M      | G    | 39.8 x 13.0 x 15.1 |                 |
| 8      | 13890907    | 75/90 | M      | H    | 39.8 x 13.0 x 15.1 |                 |
| 9      | 13890908    | 75/90 | M      | J    | 39.8 x 13.0 x 15.1 |                 |
| 10     | 13890909    | 75/90 | M      | K    | 39.8 x 13.0 x 15.1 |                 |
| 11     | 13890910    | 75/90 | M      | L    | 39.8 x 13.0 x 15.1 |                 |

Compatible Connector

| Configuration | Inline Female |
|---------------|---------------|
| Product Image |               |
| Code A PN     | 13699757      |

USB 90/40 Angle Male Connector



Product Features

- Data transmission to 480 Mbps speed data
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Clear audible click
- Option Multiple bending
- Over-molding strong product structure

USB straight male connector assembly

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications    | DC Current | Cable Spec | Specification | Frequency    |
|-----------------------|--------------------|-----------|-----------------|------------|------------|---------------|--------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Hubs | 500mA      | USB 2.0    | USCAR-30      | DC to 480MHz |

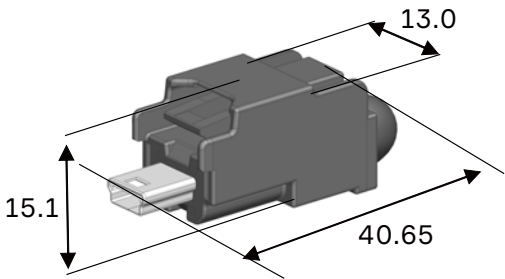
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions          | Available Codes  |
|--------|-------------|-------|--------|------|---------------------|------------------|
| 1      | 13890911    | 90/40 | M      | A    | 40.65 x 13.0 x 15.1 | A, B, C, E, H, K |
| 2      | 13890912    | 90/40 | M      | B    | 40.65 x 13.0 x 15.1 |                  |
| 3      | 13890913    | 90/40 | M      | C    | 40.65 x 13.0 x 15.1 |                  |
| 4      | 13890914    | 90/40 | M      | D    | 40.65 x 13.0 x 15.1 |                  |
| 5      | 13890915    | 90/40 | M      | E    | 40.65 x 13.0 x 15.1 |                  |
| 6      | 13890916    | 90/40 | M      | F    | 40.65 x 13.0 x 15.1 |                  |
| 7      | N/A         | 90/40 | M      | G    | 40.65 x 13.0 x 15.1 |                  |
| 8      | 13890917    | 90/40 | M      | H    | 40.65 x 13.0 x 15.1 |                  |
| 9      | 13890919    | 90/40 | M      | J    | 40.65 x 13.0 x 15.1 |                  |
| 10     | 13890920    | 90/40 | M      | K    | 40.65 x 13.0 x 15.1 |                  |
| 11     | 13890921    | 90/40 | M      | L    | 40.65 x 13.0 x 15.1 |                  |

Compatible Connector

| Configuration | Inline Female |
|---------------|---------------|
| Product Image |               |
| Code A PN     | 13699757      |

USB 90/140 Angle Male Connector



USB 90/140 angle male connector assembly

Product Features

- Data transmission to 480 Mbps speed data
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Clear audible click
- Option Multiple bending
- Over-molding strong product structure

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications    | DC Current | Cable Spec | Specification | Frequency    |
|-----------------------|--------------------|-----------|-----------------|------------|------------|---------------|--------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Hubs | 500mA      | USB 2.0    | USCAR-30      | DC to 480MHz |

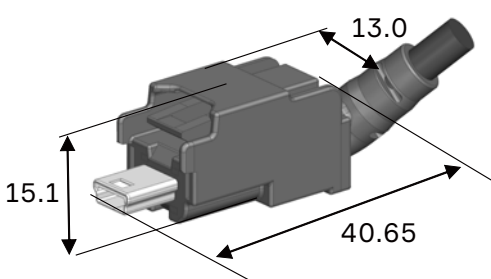
Main Part Numbers

| Number | Part Number | Angle  | Gender | Code | Dimensions          | Available Codes |
|--------|-------------|--------|--------|------|---------------------|-----------------|
| 1      | 13890925    | 90/140 | M      | A    | 40.65 x 13.0 x 15.1 | /               |
| 2      | 13890926    | 90/140 | M      | B    | 40.65 x 13.0 x 15.1 |                 |
| 3      | 13892617    | 90/140 | M      | C    | 40.65 x 13.0 x 15.1 |                 |
| 4      | 13892618    | 90/140 | M      | D    | 40.65 x 13.0 x 15.1 |                 |
| 5      | 13892619    | 90/140 | M      | E    | 40.65 x 13.0 x 15.1 |                 |
| 6      | 13892620    | 90/140 | M      | F    | 40.65 x 13.0 x 15.1 |                 |
| 7      | N/A         | 90/140 | M      | G    | 40.65 x 13.0 x 15.1 |                 |
| 8      | 13892621    | 90/140 | M      | H    | 40.65 x 13.0 x 15.1 |                 |
| 9      | 13892622    | 90/140 | M      | J    | 40.65 x 13.0 x 15.1 |                 |
| 10     | 13892623    | 90/140 | M      | K    | 40.65 x 13.0 x 15.1 |                 |
| 11     | 13892624    | 90/140 | M      | L    | 40.65 x 13.0 x 15.1 |                 |

Compatible Connector

| Configuration | Inline Female |
|---------------|---------------|
| Product Image |               |
| Code A PN     | 13699757      |

USB 60/230 Angle Male Connector



USB straight male connector assembly

Product Features

- Data transmission to 480 Mbps speed data
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Clear audible click
- Option Multiple bending
- Over-molding strong product structure

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications    | DC Current | Cable Spec | Specification | Frequency    |
|-----------------------|--------------------|-----------|-----------------|------------|------------|---------------|--------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Hubs | 500mA      | USB 2.0    | USCAR-30      | DC to 480MHz |

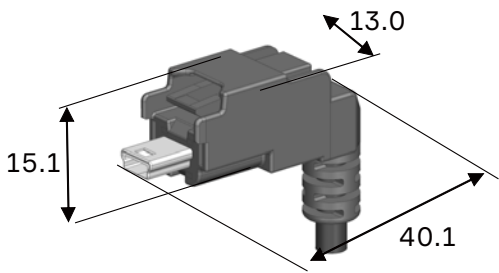
Main Part Numbers

| Number | Part Number | Angle  | Gender | Code | Dimensions          | Available Codes   |
|--------|-------------|--------|--------|------|---------------------|-------------------|
| 1      | 13890927    | 60/230 | M      | A    | 40.65 x 13.0 x 15.1 | A, B, C, E, H, K, |
| 2      | 13893412    | 60/230 | M      | B    | 40.65 x 13.0 x 15.1 |                   |
| 3      | 13893413    | 60/230 | M      | C    | 40.65 x 13.0 x 15.1 |                   |
| 4      | 13893414    | 60/230 | M      | D    | 40.65 x 13.0 x 15.1 |                   |
| 5      | 13893415    | 60/230 | M      | E    | 40.65 x 13.0 x 15.1 |                   |
| 6      | 13893416    | 60/230 | M      | F    | 40.65 x 13.0 x 15.1 |                   |
| 7      | N/A         | 60/230 | M      | G    | 40.65 x 13.0 x 15.1 |                   |
| 8      | 13893417    | 60/230 | M      | H    | 40.65 x 13.0 x 15.1 |                   |
| 9      | 13893418    | 60/230 | M      | J    | 40.65 x 13.0 x 15.1 |                   |
| 10     | 13893419    | 60/230 | M      | K    | 40.65 x 13.0 x 15.1 |                   |
| 11     | 13893420    | 60/230 | M      | L    | 40.65 x 13.0 x 15.1 |                   |

Compatible Connector

| Configuration | Inline Female |
|---------------|---------------|
| Product Image |               |
| Code A PN     | 13699757      |

USB Right Angle Male Connector



USB 90/0 angle male connector assembly

Product Features

- Data transmission to 480 Mbps speed data
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Clear audible click
- Option Multiple bending
- Over-molding strong product structure

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications    | DC Current | Cable Spec | Specification | Frequency    |
|-----------------------|--------------------|-----------|-----------------|------------|------------|---------------|--------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Hubs | 500mA      | USB 2.0    | USCAR-30      | DC to 480MHz |

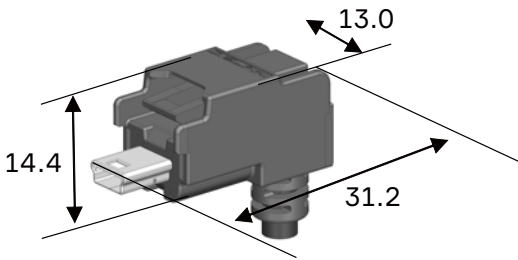
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes |
|--------|-------------|-------|--------|------|--------------------|-----------------|
| 1      | 13890930    | 90/0  | M      | A    | 40.1 x 13.0 x 15.1 | A               |
| 2      | 13890931    | 90/0  | M      | B    | 40.1 x 13.0 x 15.1 |                 |
| 3      | 13890932    | 90/0  | M      | C    | 40.1 x 13.0 x 15.1 |                 |
| 4      | 13890933    | 90/0  | M      | D    | 40.1 x 13.0 x 15.1 |                 |
| 5      | 13890934    | 90/0  | M      | E    | 40.1 x 13.0 x 15.1 |                 |
| 6      | 13890935    | 90/0  | M      | F    | 40.1 x 13.0 x 15.1 |                 |
| 7      | N/A         | 90/0  | M      | G    | 40.1 x 13.0 x 15.1 |                 |
| 8      | 13890936    | 90/0  | M      | H    | 40.1 x 13.0 x 15.1 |                 |
| 9      | 13890937    | 90/0  | M      | J    | 40.1 x 13.0 x 15.1 |                 |
| 10     | 13890938    | 90/0  | M      | K    | 40.1 x 13.0 x 15.1 |                 |
| 11     | 13890939    | 90/0  | M      | L    | 40.1 x 13.0 x 15.1 |                 |

Compatible Connector

| Configuration | Inline Female |
|---------------|---------------|
| Product Image |               |
| Code A PN     | 13699757      |

USB Right Angle Male Connector



USB 90/0 angle male connector assembly

Product Features

- Data transmission to 480 Mbps speed data
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Clear audible click
- Option Multiple bending
- Over-molding strong product structure

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications    | DC Current | Cable Spec | Specification | Frequency    |
|-----------------------|--------------------|-----------|-----------------|------------|------------|---------------|--------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Hubs | 500mA      | USB 2.0    | USCAR-30      | DC to 480MHz |

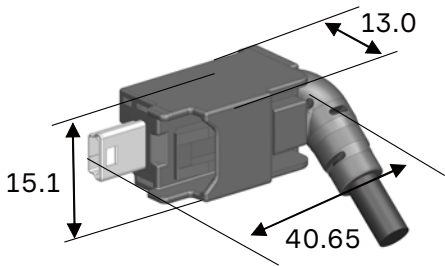
Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions         | Available Codes |
|--------|-------------|-------|--------|------|--------------------|-----------------|
| 1      | 13890940    | 90/0  | M      | A    | 31.2 x 13.0 x 14.4 | B               |
| 2      | 13890941    | 90/0  | M      | B    | 31.2 x 13.0 x 14.4 |                 |
| 3      | 13890942    | 90/0  | M      | C    | 31.2 x 13.0 x 14.4 |                 |
| 4      | 13890943    | 90/0  | M      | D    | 31.2 x 13.0 x 14.4 |                 |
| 5      | 13890944    | 90/0  | M      | E    | 31.2 x 13.0 x 14.4 |                 |
| 6      | 13890946    | 90/0  | M      | F    | 31.2 x 13.0 x 14.4 |                 |
| 7      | N/A         | 90/0  | M      | G    | 31.2 x 13.0 x 14.4 |                 |
| 8      | 13890947    | 90/0  | M      | H    | 31.2 x 13.0 x 14.4 |                 |
| 9      | 13890948    | 90/0  | M      | J    | 31.2 x 13.0 x 14.4 |                 |
| 10     | 13890950    | 90/0  | M      | K    | 31.2 x 13.0 x 14.4 |                 |
| 11     | 13890951    | 90/0  | M      | L    | 31.2 x 13.0 x 14.4 |                 |

Compatible Connector

| Configuration | Inline Female |
|---------------|---------------|
| Product Image |               |
| Code A PN     | 13699757      |

USB 90/230 Angle Male Connector



Product Features

- Data transmission to 480 Mbps speed data
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Clear audible click
- Option Multiple bending
- Over-molding strong product structure

USB 90/230 angle male connector assembly

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications    | DC Current | Cable Spec | Specification | Frequency    |
|-----------------------|--------------------|-----------|-----------------|------------|------------|---------------|--------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Hubs | 500mA      | USB 2.0    | USCAR-30      | DC to 480MHz |

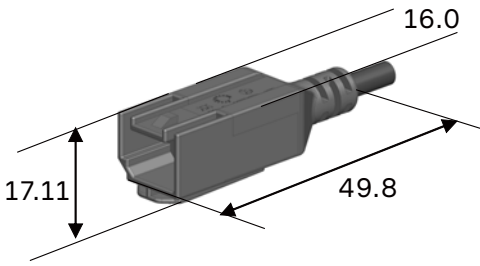
Main Part Numbers

| Number | Part Number | Angle  | Gender | Code | Dimensions          | Available Codes              |
|--------|-------------|--------|--------|------|---------------------|------------------------------|
| 1      | 13913406    | 90/230 | M      | A    | 40.65 x 13.0 x 15.1 | A, B, C, D, E, F, H, J, K, L |
| 2      | 13913407    | 90/230 | M      | B    | 40.65 x 13.0 x 15.1 |                              |
| 3      | 13913408    | 90/230 | M      | C    | 40.65 x 13.0 x 15.1 |                              |
| 4      | 13913409    | 90/230 | M      | D    | 40.65 x 13.0 x 15.1 |                              |
| 5      | 13913410    | 90/230 | M      | E    | 40.65 x 13.0 x 15.1 |                              |
| 6      | 13913411    | 90/230 | M      | F    | 40.65 x 13.0 x 15.1 |                              |
| 7      | N/A         | 90/230 | M      | G    | 40.65 x 13.0 x 15.1 |                              |
| 8      | 13913412    | 90/230 | M      | H    | 40.65 x 13.0 x 15.1 |                              |
| 9      | 13913413    | 90/230 | M      | J    | 40.65 x 13.0 x 15.1 |                              |
| 10     | 13913414    | 90/230 | M      | K    | 40.65 x 13.0 x 15.1 |                              |
| 11     | 13913415    | 90/230 | M      | L    | 40.65 x 13.0 x 15.1 |                              |

Compatible Connector

|               |               |
|---------------|---------------|
| Configuration | Inline Female |
| Product Image |               |
| Code A PN     | 13699757      |

USB Straight Female Connector



Product Features

- Data transmission to 480 Mbps speed data
- Outstanding performance for differential pair signal transmission
- Stable performance across various temperatures & frequencies
- Clear audible click
- Option Multiple bending
- Over-molding strong product structure

USB straight female connector assembly

Technical Characteristics

| Operating Temperature | Sealing            | Vibration | Applications    | DC Current | Cable Spec | Specification | Frequency    |
|-----------------------|--------------------|-----------|-----------------|------------|------------|---------------|--------------|
| -40°~105°             | Class 1 (Unsealed) | V1a       | Automotive Hubs | 500mA      | USB 2.0    | USCAR-30      | DC to 480MHz |

Main Part Numbers

| Number | Part Number | Angle | Gender | Code | Dimensions          | Available Codes |
|--------|-------------|-------|--------|------|---------------------|-----------------|
| 1      | 13699757    | 180°  | F      | A    | 49.8 x 16.0 x 17.11 | B, C, D, E, F   |
| 2      | 13699760    | 180°  | F      | B    | 49.8 x 16.0 x 17.11 |                 |
| 3      | 13869595    | 180°  | F      | C    | 49.8 x 16.0 x 17.11 |                 |
| 4      | 13869610    | 180°  | F      | D    | 49.8 x 16.0 x 17.11 |                 |
| 5      | 13869313    | 180°  | F      | E    | 49.8 x 16.0 x 17.11 |                 |
| 6      | 13869611    | 180°  | F      | F    | 49.8 x 16.0 x 17.11 |                 |
| 7      | 13869315    | 180°  | F      | G    | 49.8 x 16.0 x 17.11 |                 |
| 8      | 13869318    | 180°  | F      | H    | 49.8 x 16.0 x 17.11 |                 |
| 9      | 13869326    | 180°  | F      | J    | 49.8 x 16.0 x 17.11 |                 |
| 10     | 13869319    | 180°  | F      | K    | 49.8 x 16.0 x 17.11 |                 |

Compatible connector

|               |             |
|---------------|-------------|
| Configuration | Inline Male |
| Product Image |             |
| Code A PN     | 13868727    |



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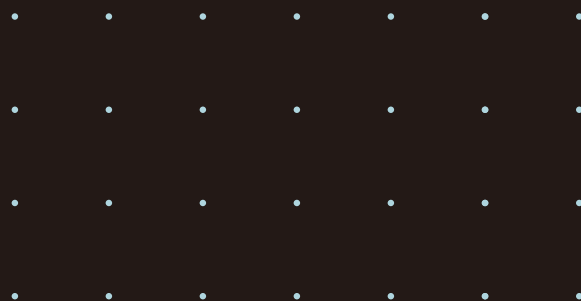




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