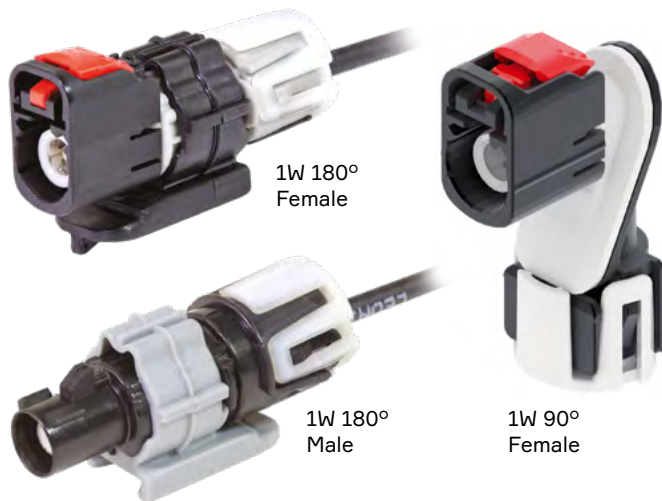


HSF HIGH SPEED FAKRA

SEALED SERIES



BENEFITS

- Cost effective stamped terminals
- Supports wide range of cable types
- Serviceable design

FEATURES

- Anti-stubbing technology
- Secondary locks on terminals/housings
- Robust co-molded seals
- Clear audible click
- Ergonomic tactile feedback



AVAILABLE CONFIGURATIONS

Cavity Count (ways)	1
Orientation	180°, 90°
Genders	Female, Male
Key/Color Codes	A-I, K-N, Z
Clipslot	USCAR 7 mm Female or Male
Pre-staged CPA	Optional



APPLICATIONS

Antenna/RF
Camera/LVDS
Ethernet, including power over coax

See back page for representative part numbers and packaging dimensions.

TECHNICAL CHARACTERISTICS

Performance	SAE-USCAR17 Rev 5
Interface Footprint	SAE-USCAR18 Rev 4
Temperature Range	-40°C to +105°C*
Vibration	Class 1
Sealing	Class 3 (submersion/heavy spray)
50 Ohm Cables	6 GHz / 9 Gb/s*
Non-50 Ohm Cables	200 MHz
VSWR < 3 GHz	1.5:1 max
VSWR > 3 GHz	1.6:1 max
DC Current	2 A max*

* Connector specification. Parameter is cable-dependent.

SUPPORTED COAXIAL CABLE TYPES

2.8 mm	50 Ohm	RG174LL, RG174LL High Flex
3.0 mm	50 Ohm	1.5 DS
3.2 mm	50 Ohm	RTK031
4.0 mm	50 Ohm	2.0 DS
4.0 mm	75 Ohm	RG59 Mini
5.0 mm	50 Ohm	RG58LL, RG58LL High Flex

About Aptiv

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1 WAY STRAIGHT (180°) DRAWING NUMBERS

Female Terminal Asm	Female Housing No Clipslot No CPA	Female Housing With Clipslot No CPA	Female Housing No Clipslot With CPA	Female Housing With Clipslot With CPA	Male Terminal Asm	Male Housing No Clipslot	Male Housing With Clipslot
							
35013993	33338219	33355520	33338219	33355520	35013992	33355537	33338238

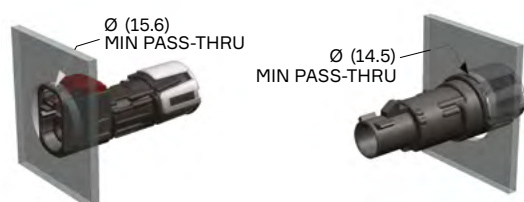
1 WAY RIGHT ANGLE (90°) FEMALE DRAWING NUMBERS

Female Terminal Asm	Female Housing No Clipslot No CPA	Female Housing No Clipslot With CPA
		
35229792	35449094	35339728

PACKAGING DIMENSIONS



Note: units of measurement are millimeters (mm).



Views of sealed connectors showing minimum pass-through hole sizes.

Part numbers, specifications, dimensions and performance data in this document are for general references only and are subject to change without notice. To verify product information, please contact an Aptiv representative.

HSF HIGH SPEED FAKRA

UNSEALED SERIES



BENEFITS

- Cost effective stamped terminals
- Supports wide range of cable types
- Serviceable design

FEATURES

- Anti-stubbing technology
- Secondary locks on terminals/housings
- Clear audible click
- Ergonomic tactile feedback



AVAILABLE CONFIGURATIONS

Cavity Count (ways)	1, 2
Orientation	180°, 90°
Genders	Female, Male
Key/Color Codes	A-I, K-N, Z
Clipslot	USCAR 7 mm Female or Male
Pre-staged CPA	Optional



APPLICATIONS

Antenna/RF

Camera/LVDS

Ethernet, including power over coax

See back page for representative part numbers and packaging dimensions.

TECHNICAL CHARACTERISTICS

Performance	SAE-USCAR17 Rev 5
Interface Footprint	SAE-USCAR18 Rev 4
Temperature Range	-40°C to +105°C*
Vibration	Class 1
Sealing	Class 1 Unsealed
50 Ohm Cables	6 GHz / 9 Gb/s*
Non-50 Ohm Cables	200 MHz
VSWR < 3 GHz	1.5:1 max
VSWR > 3 GHz	1.6:1 max
DC Current	2 A max*

* Connector specification. Parameter is cable-dependent.

SUPPORTED COAXIAL CABLE TYPES

2.8 mm	50 Ohm	RG174LL, RG174LL High Flex
3.0 mm	50 Ohm	1.5 DS
3.2 mm	50 Ohm	RTK031
4.0 mm	50 Ohm	2.0 DS
4.0 mm	75 Ohm	RG59 Mini
5.0 mm	50 Ohm	RG58LL, RG58LL High Flex

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1 WAY STRAIGHT (180°) DRAWING NUMBERS

Female Terminal Asm	Female Housing No Clipslot No CPA	Female Housing With Clipslot No CPA	Female Housing No Clipslot With CPA	Female Housing With Clipslot With CPA	Male Terminal Asm	Male Housing No Clipslot	Male Housing With Clipslot
							
35013993	33340308	33340308	33340308	33340308	35013992	33340362	33340362

2 WAY STRAIGHT (180°) DRAWING NUMBERS

Female Terminal Asm	Female Housing No Clipslot No CPA	Female Housing With Clipslot No CPA	Female Housing No Clipslot With CPA	Female Housing With Clipslot With CPA	Male Terminal Asm	Male Housing No Clipslot	Male Housing With Clipslot
							
35013993	33340377	33340377	33340377	33340377	35013992	33340408	33340408

1 WAY RIGHT ANGLE (90°) FEMALE DRAWING NUMBERS

Female Terminal Asm	Female Housing No Clipslot No CPA	Female Housing With Clipslot No CPA
		
33354523	33341062	33340434

PACKAGING DIMENSIONS



Note: units of measurement are millimeters (mm).

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