

HIGH SPEED FAKRA (HSF) SEALED SERIES



1W 180° FEMALE



1W 90° FEMALE



1W 180° MALE



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

SUPPORTED COAXIAL CABLE TYPES

2.8 mm	50 Ohm	RG174, RG174LL, RG174LL High Flex, DACAR 462
3.0 mm	50 Ohm	1.5 DS
3.2 mm	50 Ohm	RTK031
3.6 mm	50 Ohm	RTK044Cu, RTK044AL
4.0 mm	50 Ohm	2.0 DS
5.0 mm	50 Ohm	RG58LL, RG58LL High Flex

TECHNICAL CHARACTERISTICS

Performance	SAE-USCAR17 Rev 5
Interface Footprint	SAE-USCAR18 Rev 4
Temperature Range	-40°C to +105°C*
Vibration Class	Class 1
Sealing Class	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.

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)

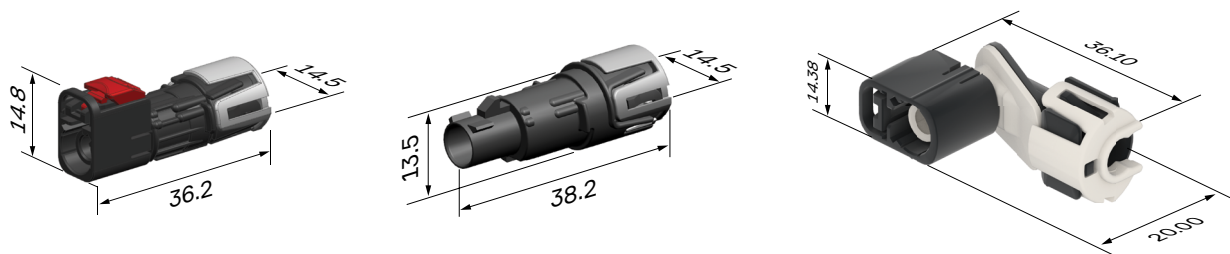
1 WAY STRAIGHT (180°) DRAWING NUMBERS

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

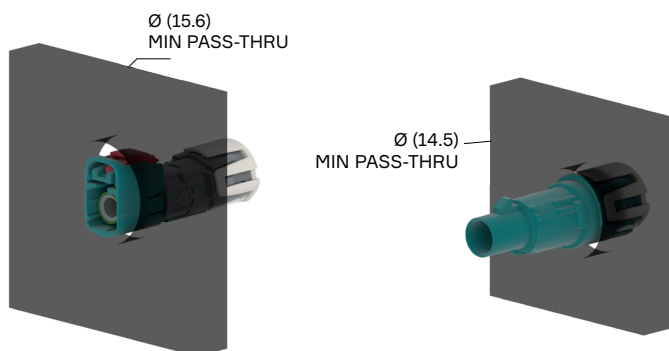
1 WAY RIGHT ANGLE (90°) FEMALE DRAWING NUMBERS

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

PACKAGING DIMENSIONS



Note: units of measurement are millimeters (mm).



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

CRIMP APPLICATOR INFORMATION

CENTER CONTACT				SHIELD CONTACT			
Cable	Orientation	Gender	Center Contact Applicator Part Number	Inner Terminal Part Number	Shield Contact Applicator Part Number	Outer Terminal Part Number	Ferrule Part Number
RG58 LL	180°	Male	36106622	33229389	35407430	33351760	33340175
RG58 LL	180°	Female	36106622	33229395	35407433	35226519	33340175
RTK044Cu	180°	Male	36106622	33229389	35584005	33351759	33341073
RTK044Cu	180°	Female	36106622	33229395	35584003	35226520	33341073
RTK044AL	180°	Male	36106622	33229389	36106619	33351759	33341073
RTK044AL	180°	Female	36106622	33229395	36106620	35226520	33341073
RTK031	180°	Male	36106622	33229389	35407429	33351759	33341073
RTK031	180°	Female	36106622	33229395	35407434	35226520	33341073
RG174LL	180°	Male	36106623	33229390	35407425	33351758	33341072
RG174LL	180°	Female	36106623	33229396	35374708	35226521	33341072
DACAR 462	180°	Male	36106623	33229390	35407426	33351758	33341072
DACAR 462	180°	Female	36106623	33229396	35374709	35226521	33341072
RG174 RW	180°	Male	36106624	33229390	35827286	33351758	33341072
RG174 RW	180°	Female	36106624	33229396	35827347	35226521	33341072
RG58 LL	90°	Female	36106625	33354531	35407436	35227917	33340175
RTK031	90°	Female	36106625	33354531	35407435	35227918	33341073
RG174LL	90°	Female	36106626	33354530	35407437	35227919	33341072
DACAR 462	90°	Female	36106626	33354530	35407437	35227919	33341072

* For more information or applicator requests, please email an Aptiv representative at crimp.tooling@aptiv.com

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