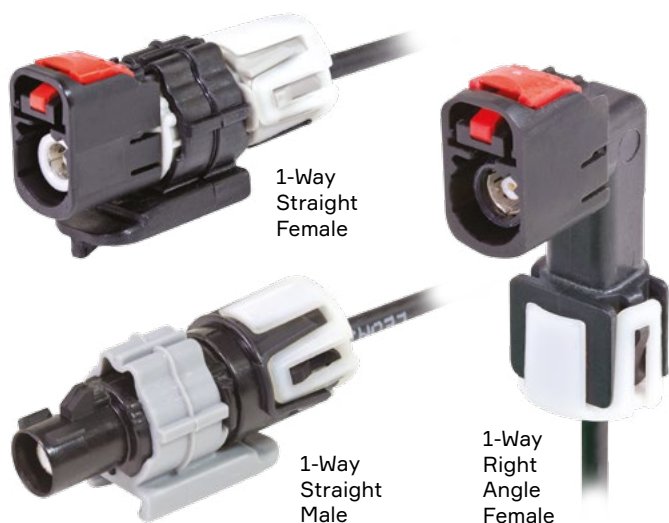


APTIV FAKRA SEALED SERIES



FAKRA FAMILY BENEFITS

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

SEALED SERIES 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
Angles	180° and 90°
Genders	Female and Male
Key/Color Codes	A-I, K-N, and 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

Aptiv is a global technology company that develops safer, greener and more connected solutions enabling the future of mobility. Headquartered in Dublin, Aptiv has approximately 150,000 employees and operates 14 technical centers, as well as manufacturing sites and customer support centers in 45 countries.

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1-WAY STRAIGHT (180°) SEALED 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°) SEALED FEMALE DRAWING NUMBERS

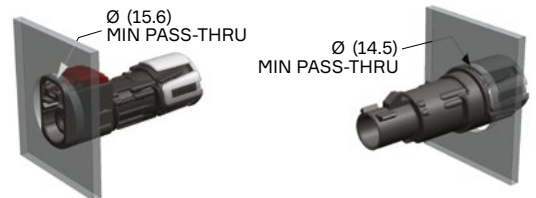
Female Terminal Asm	Female Housing No Clipslot No CPA	Female Housing No Clipslot With CPA
		
33359320	33338185	33338185



PACKAGING DIMENSIONS



Note: units of measurement are millimeters (mm).



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

Drawing 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.