

2289727-1 ✓ ACTIVE

## FAKRA RF Connector System

TE Internal #: 2289727-1

Data Connectivity Housings, Housing for Female Terminals, A, Cable-to-Cable, 2 Position, .315 in [8 mm] Centerline, FAKRA RF Connector System

[View on TE.com >](#)



Connectors > Automotive Connectors > Data Connectivity Systems > Data Connectivity Housings



Connector & Housing Type: **Housing for Female Terminals**

Connector & Keying Code: **A**

Connector System: **Cable-to-Cable**

Number of Positions: **2**

Centerline (Pitch): **8 mm [ .315 in ]**

### Features

#### Product Type Features

Connector & Housing Type	Housing for Female Terminals
Connector System	Cable-to-Cable
Sealable	No
Connector & Contact Terminates To	Wire & Cable

#### Configuration Features

Number of Positions	2
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#### Electrical Characteristics

Operating Voltage	800 VAC
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#### Body Features

Body Material	Polyester, PBT
Connector & Keying Code	A
Cable Exit Angle	180°

#### Contact Features

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Contact Type	Socket
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### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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### Housing Features

Housing Color	Jet Black
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Centerline (Pitch)	8 mm [.315 in]
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### Dimensions

Connector Height	15.15 mm [.596 in]
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Product Width	19.55 mm [.769 in]
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Product Length	27.4 mm [1.079 in]
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### Usage Conditions

Operating Temperature (Max)	125 °C [257 °F]
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Cable Type	Coax
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Operating Temperature Range	-40 – 125 °C [-40 – 257 °F]
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### Operation/Application

Shielded	No
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Circuit Application	Signal
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed for solder process capability
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Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

### Compatible Parts



TE Part # 2-2289732-1  
KIT, HOUSING, CPA, INLINE FEMALE, FAKRA




TE Part # 2317793-1  
RETAINER, FEMALE, 2 POS, FAKRA AUTOMATED

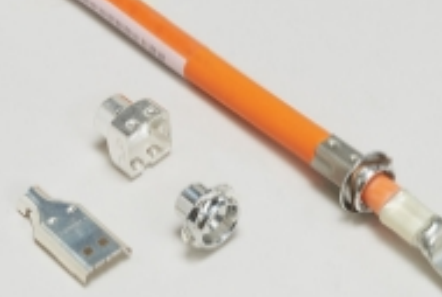


TE Part # 2359322-1  
MALE KIT, 2P, FAKRA

### Also in the Series | FAKRA RF Connector System




Automotive Connector Caps & Covers (1)



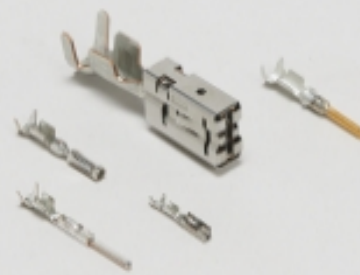
Automotive Connector EMC Shielding (7)




Automotive Connector Locks & Position Assurance(4)



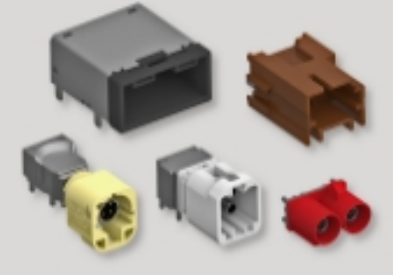
Automotive Housings(2)



Automotive Terminals(25)



Coax Connectors(1)



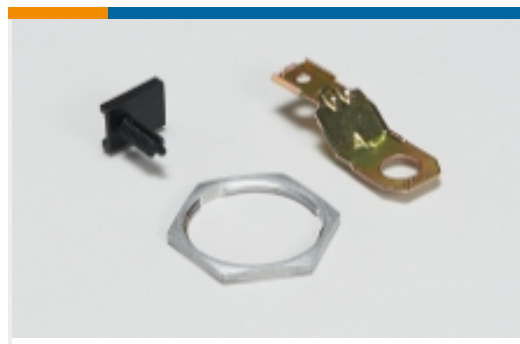
Data Connectivity Headers(364)



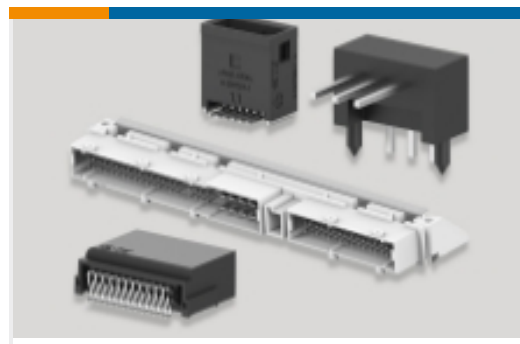
Data Connectivity Housings(435)



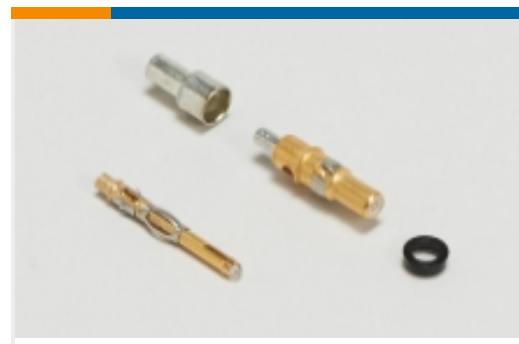
Infotainment & Multimedia Cable Assemblies(1)



Other Automotive Connector Accessories(33)



PCB Headers & Receptacles(2)

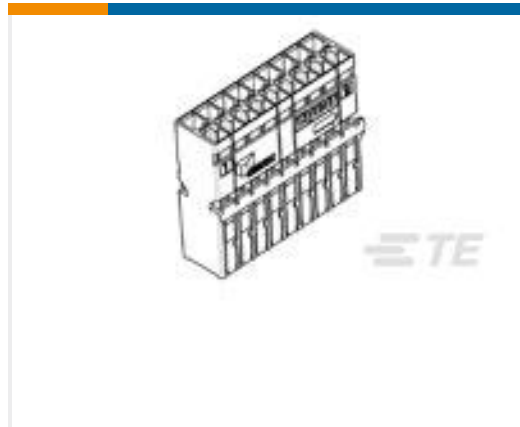


RF Contacts(3)

## Customers Also Bought



TE Part #7-1452668-3  
MCON 1.2 LL REC SWS AG



TE Part #1326133-1  
RECEPTACLE HOUSING, 18 POSITIO



TE Part #1802112-2  
MATENET SWS FOR UTP-STP



TE Part #1802113-1  
1PORT,MATENET,REC HSG,SLD,COD A,STP,ASSY



TE Part #2302452-2  
MATENET, FIXATION ELEMENT



TE Part #2307194-2  
1POS,FAKRA AUT,SOC INNER HSG, SLD,180 DEG



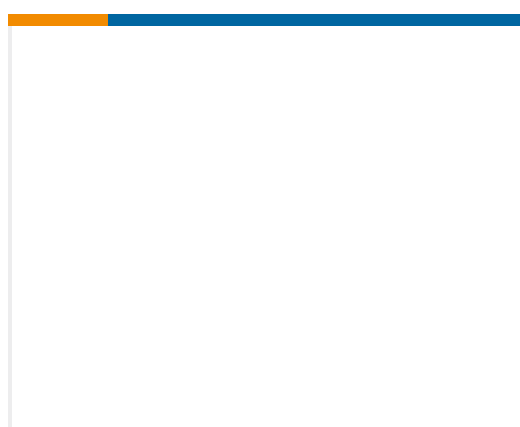
TE Part #2326904-2  
COAX,SOC HSG ASSY,UNSLD, 180DEG



TE Part #2392990-2  
1 POS,FAKRA-AX,SOC HSG ASSY, 90DEG,COD B



TE Part #2392990-4  
1 POS,FAKRA-AX,SOC HSG ASSY, 90DEG,COD D



TE Part #2397491-2  
Matenet 2x3 port frame Code B

## Documents

### Product Drawings

HOUSING, CPA, INLINE FEMALE, FAKRA

English

### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2289727-1\_B.2d\_dxf.zip



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2289727-1\\_B.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2289727-1\\_B.3d\\_stp.zip](#)

English

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**Product Specifications**

**Application Specification**

English

**Application Specification**

English

**Application Specification**

English

**Application Specification**

English

**Application Specification**

English

**Application Specification**

English

**Application Specification**

English

**Application Specification**

English

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**Instruction Sheets**

**Instruction Sheet (U.S.)**

English

**Instruction Sheet (U.S.)**

English

**Instruction Sheet (U.S.)**

English

**Instruction Sheet (U.S.)**

English

**Instruction Sheet (U.S.)**

English

**Instruction Sheet (U.S.)**

English