

1-1452581-1 ✓ ACTIVE

## FAKRA RF Connector System

TE Internal #: 1-1452581-1

Cable-to-Cable, 180° Cable Exit, 1 Position, Z Code, Housing for Male Terminals, Crimp, FAKRA RF Connector System, Data Connectivity Housings

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



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

Sealable: **No**

Cable Exit Angle: **180°**

Number of Positions: **1**

Connector & Keying Code: **Z**

### Features

#### Signal Characteristics

Operating Frequency Range	0 – 6000 MHz
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#### Housing Features

Housing Color	Blue
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#### Dimensions

Product Width	10.9 mm[.429 in]
Product Length	26 mm[1.023 in]
Connector Height	10.3 mm[.405 in]

#### Other

Outer Contact Plating Material	Other
Dielectric Material	None
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

#### Mechanical Attachment

Panel Attachment Style	Front Mount
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

#### Contact Features

RF Connector Center Contact Plating Material	None
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Contact Mating Area Plating Material	Unplated
Center Contact	Without
Contact Type	Pin
Mating Pin Diameter	.5 mm[.02 in]
Contact Current Rating (Max)	1 A

### Configuration Features

Snap-Lock	Without
Number of Positions	1

### Body Features

Ferrule	Without
Body Material	PBT GF
Cable Exit Angle	180°
Connector & Keying Code	Z

### Product Type Features

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

### Termination Features

Termination Method to Wire & Cable	Crimp
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### Usage Conditions

Operating Temperature (Max)	85 °C[185 °F]
Cable Type	DACAR 462, RG 174
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

### Operation/Application

Shielded	No
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### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant











China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

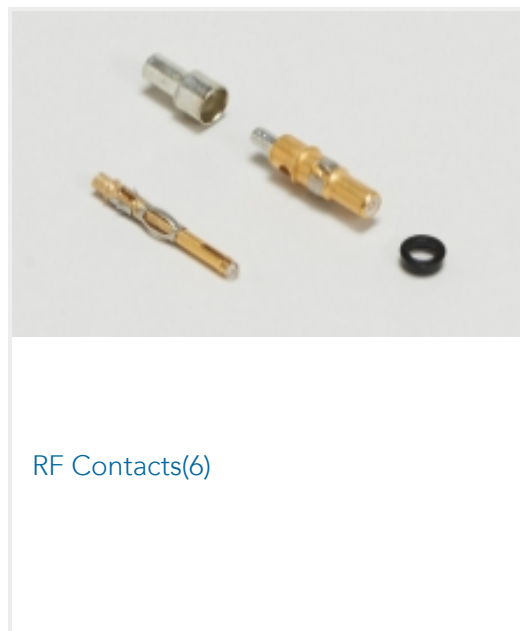
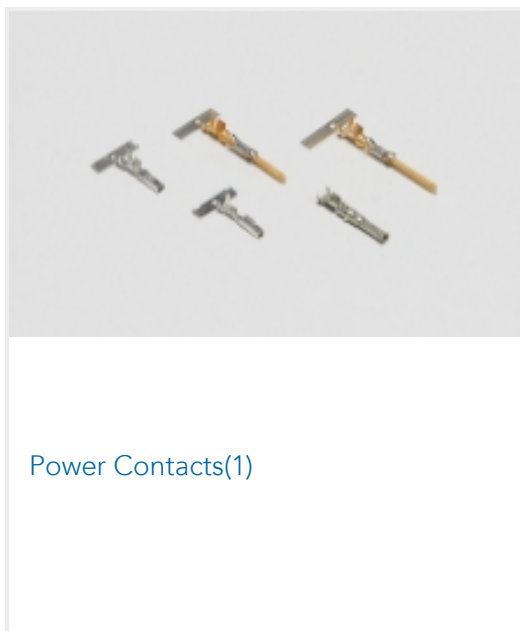
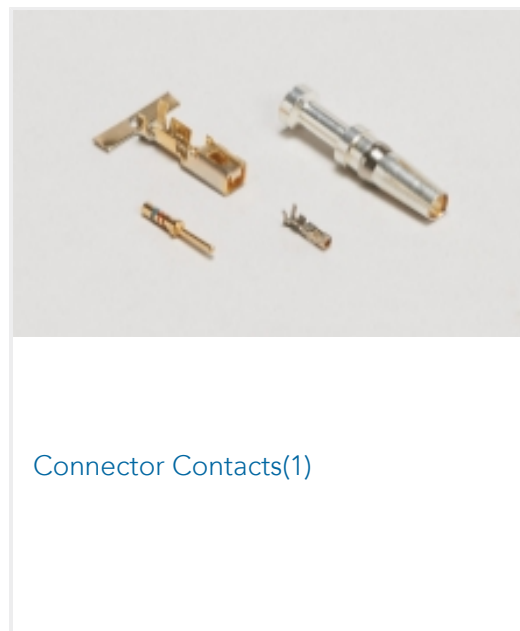
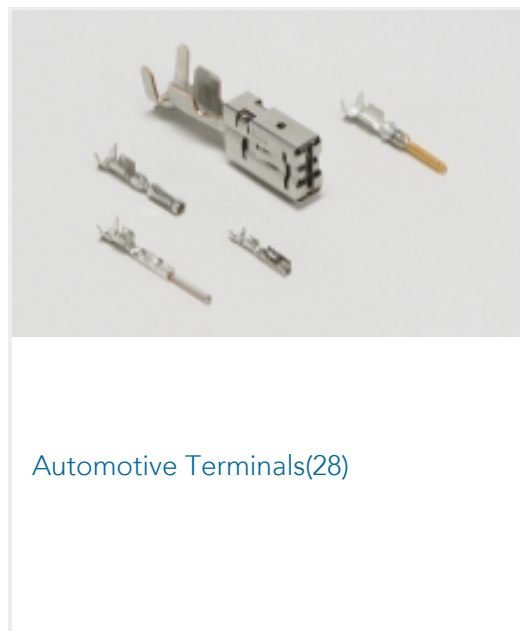
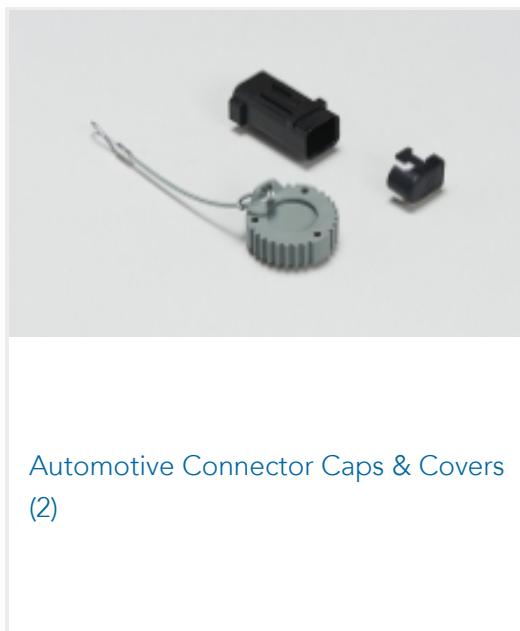
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

 <p>TE Part # 1452583-1 1 WAY JACK RETAINER FAKRA2</p>	 <p>TE Part # 3-2287956-1 1POS,FAKRA II,PLUG,REC HSG,CODZ, ASSY</p>	 <p>TE Part # 1719794-1 SUBASSY PLUG FAKRA ,HF</p>	 <p>TE Part # 1-1452582-1 1 WAY JACK HSG FAKRA2</p>
 <p>TE Part # 1-2141494-1 1POS,CONTACT KIT,REC HSG,ASSY, CODZ</p>	 <p>TE Part # 1-1452584-1 1 WAY PLUG CONN FAKRA2</p>	 <p>TE Part # 3-2392990-4 1P FAKRA II HSG ASSY 90DEG COD Z</p>	 <p>TE Part # 1-1719261-1 1 POS FAKRA II PLUG HSG CODZ FREE</p>



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



### Customers Also Bought





## Documents

### Product Drawings

[1 WAY JACK COAX CONN FAKRA2](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1452581-1\\_B\\_c-1-1452581-1-b.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1452581-1\\_B\\_c-1-1452581-1-b.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1452581-1\\_B\\_c-1-1452581-1-b.3d\\_stp.zip](#)

English

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### Product Specifications

[Application Specification](#)

English