

1452581-1 ✓ ACTIVE

FAKRA RF Connector System

TE Internal #: 1452581-1

Cable-to-Cable, 180° Cable Exit, 1 Position, A 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: **A**

Features

Signal Characteristics

Operating Frequency Range	0 – 6000 MHz
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Housing Features

Housing Color	Black
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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]

Packaging Features

Packaging Quantity	2500
Packaging Method	Bulk

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)
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Contact Features

RF Connector Center Contact Plating Material	None
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	A

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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

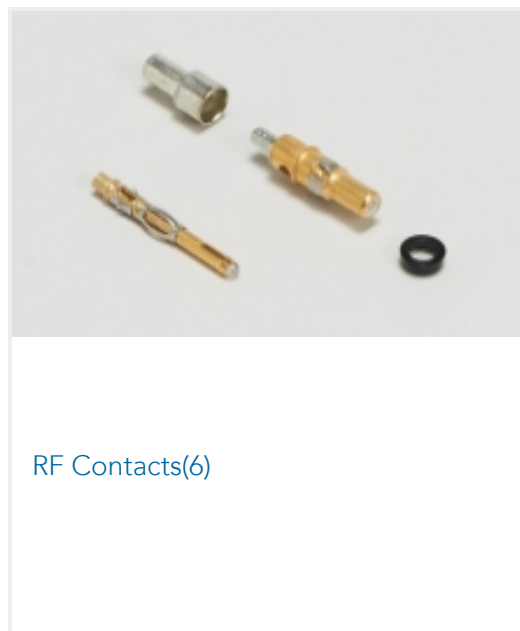
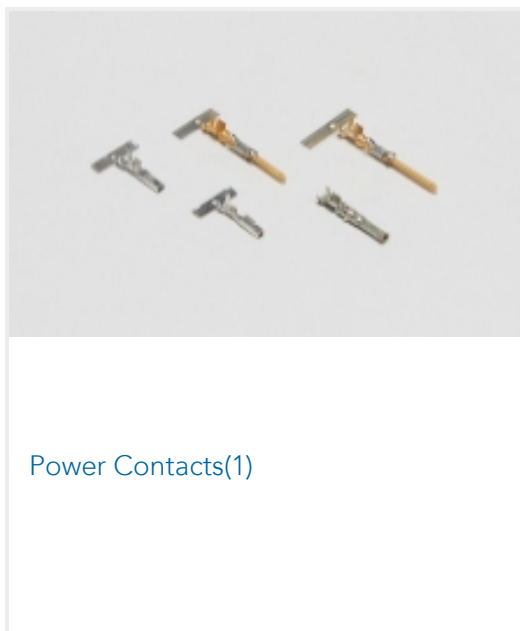
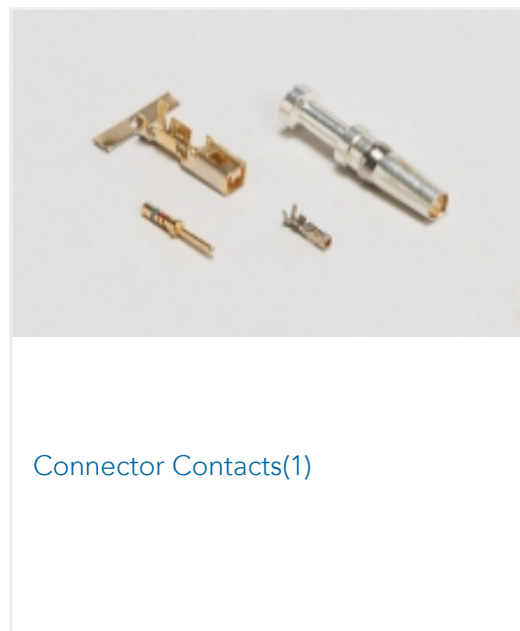
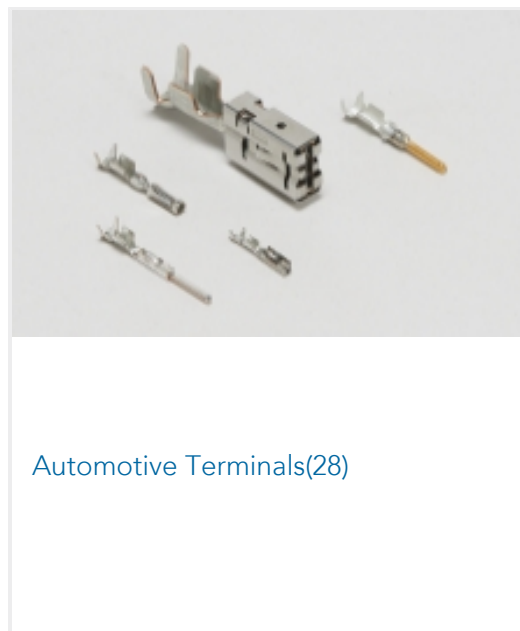
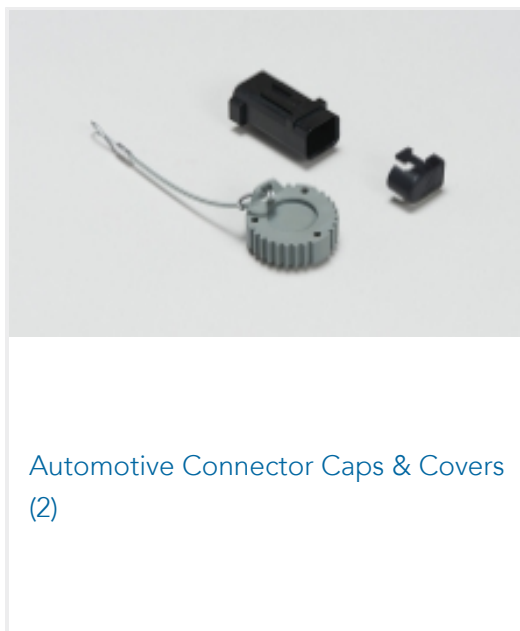
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

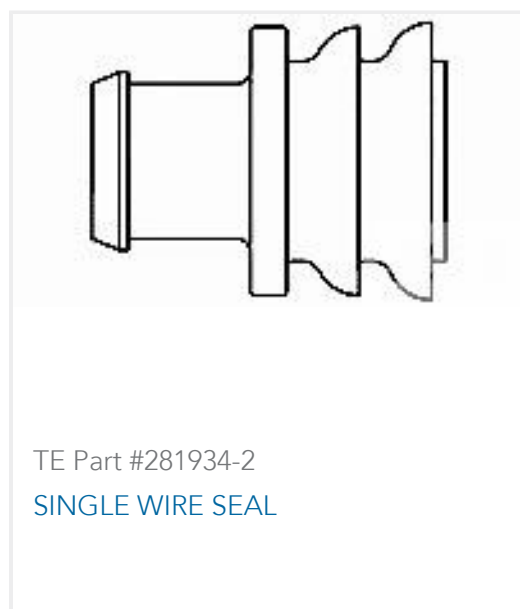
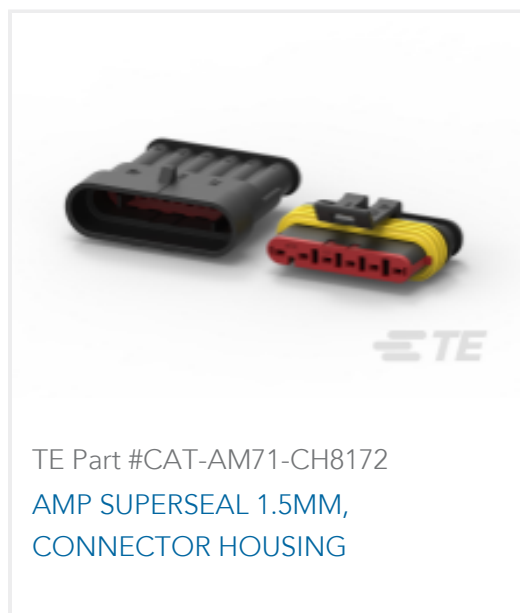
 <p>TE Part # 2-2392990-1 1P FAKRA II HSG ASSY 90DEG COD A</p>	 <p>TE Part # 1452584-1 1 WAY PLUG CONN FAKRA2</p>	 <p>TE Part # 2-2287956-1 1POS,FAKRA II,PLUG,REC HSG,CODA, ASSY</p>	 <p>TE Part # 1452582-1 1 WAY JACK HSG FAKRA2</p>
 <p>TE Part # 2-2330270-1 1POS,FAKRA AX,SOC HSG ASSY, 90DEG,COD A</p>	 <p>TE Part # 1719261-1 1 POS FAKRA II PLUG HSG CODA</p>	 <p>TE Part # 1719794-1 SUBASSY PLUG FAKRA ,HF</p>	 <p>TE Part # 2392990-1 1P,FAKRA II, SOC HSG ASSY,90DEG COD A</p>



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



Customers Also Bought





Documents

Product Drawings

[1 WAY JACK COAX CONN FAKRA2](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1452581-1_B_c-1452581-1-b.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1452581-1_B_c-1452581-1-b.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1452581-1_B_c-1452581-1-b.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English