

2291392-1 ✓ ACTIVE

FAKRA RF Connector System

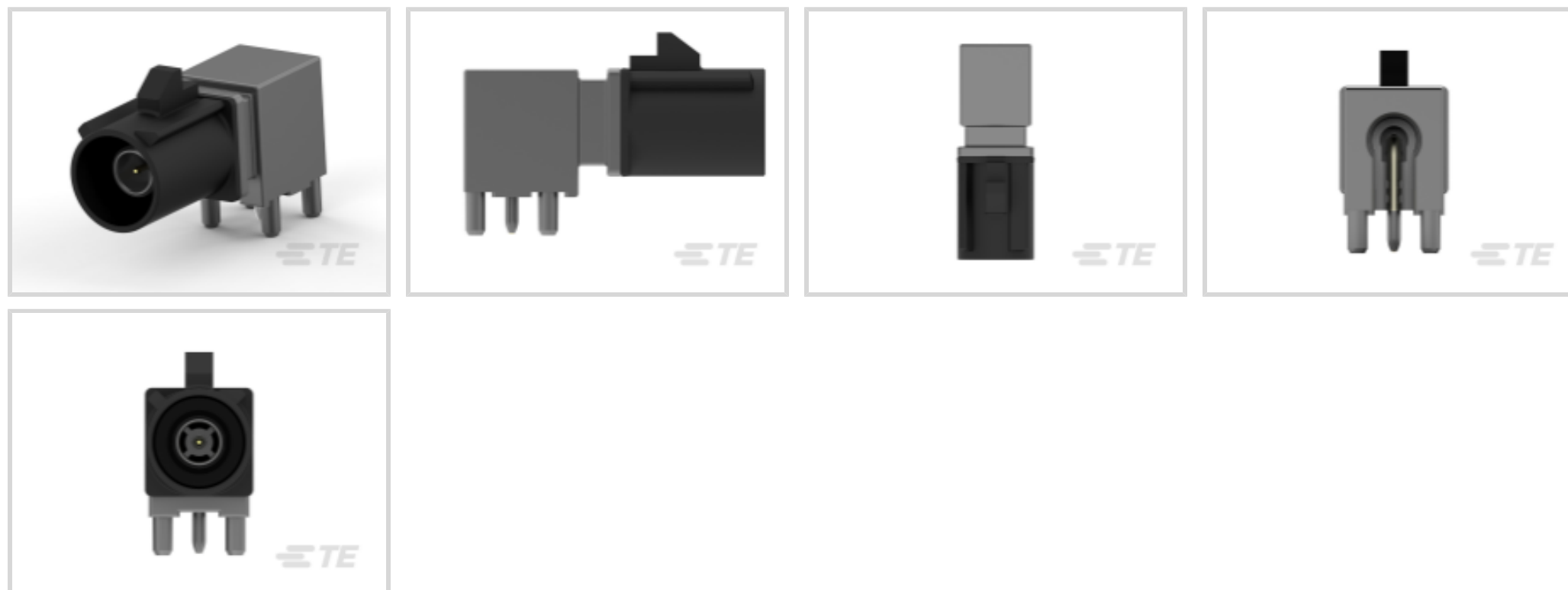
TE Internal #: 2291392-1

Data Connectivity Headers, A, Wire-to-Board, 1 Position, Shielded, Horizontal, Signal, -40 – 221 °F [-40 – 105 °C], FAKRA RF Connector System

[View on TE.com >](#)



Connectors > Automotive Connectors > Data Connectivity Systems > Data Connectivity Headers



Mating Pin Diameter: .5 mm [.02 in]

Connector & Keying Code: A

Connector System: **Wire-to-Board**

Number of Positions: 1

Sealable: No

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	1
PCB Mount Orientation	Horizontal

Electrical Characteristics

Impedance	50 Ω
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Body Features

Connector & Keying Code	A
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Contact Features

Center Contact	With
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Contact Type	Pin
Contact Mating Area Plating Material	Gold
RF Connector Center Contact Plating Material	Tin (Sn)
Mating Pin Diameter	.5 mm[.02 in]

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

PCB Mount Retention Type	Solder Tail
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Housing Features

Housing Color	Jet Black
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Usage Conditions

Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C[149 °F][158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F]
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Assembly Process Feature	Board Standoff
Shielded	Yes
Circuit Application	Signal

Industry Standards

Compatible With Agency/Standards Products	DIN 72594-1
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Packaging Features

Packaging Method	Reel
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Other

Solder Process	Reflow Solder
Outer Contact Plating Material	Tin (Sn)
Dielectric Material	PCT GF

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 2023 (235) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Pin-in-Paste capable to 260°C

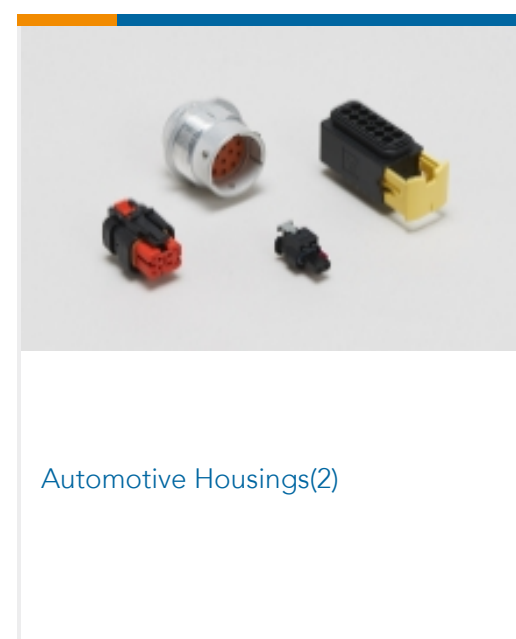
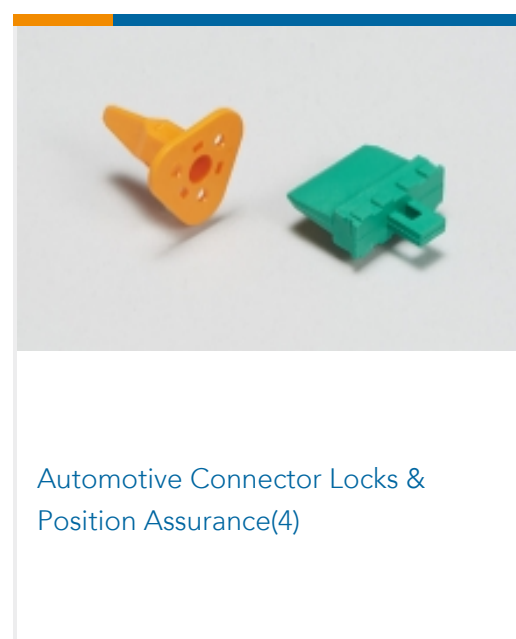
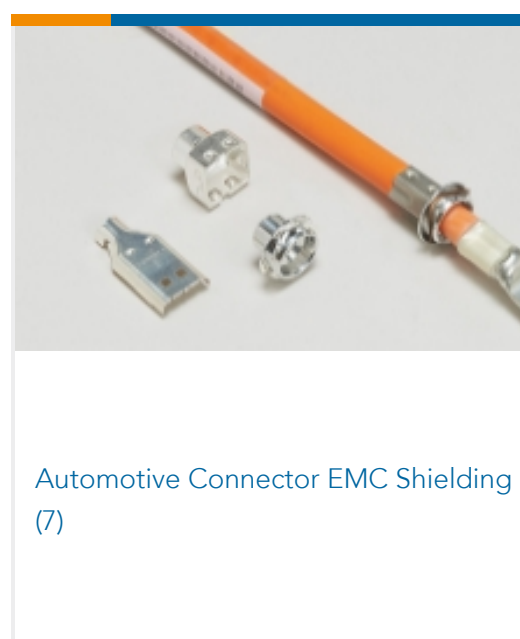
Product Compliance Disclaimer

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



Also in the Series | FAKRA RF Connector System





Automotive Terminals(25)



Coax Connectors(1)



Data Connectivity Headers(364)



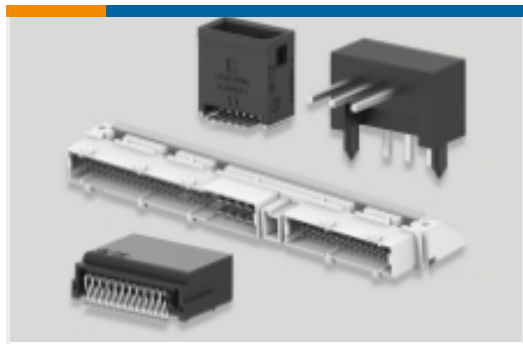
Data Connectivity Housings(435)



Infotainment & Multimedia Cable Assemblies(1)



Other Automotive Connector Accessories(33)

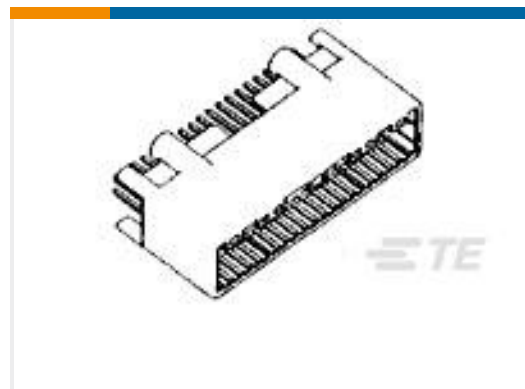


PCB Headers & Receptacles(2)



RF Contacts(3)

Customers Also Bought



TE Part #1376111-2
025 CAP ASSY 24P



TE Part #2291362-1
4POS,PIN DIA 0.6,HEADER ASSY,
CODE A



TE Part #2291392-4
MALE ASM, 1 POS, R/A, PCB, FAKRA



TE Part #2291362-2
4POS,PIN DIA 0.6,HEADER ASSY,
CODE B



TE Part #1-2291362-4
4POS,PIN DIA 0.6,HEADER ASSY,
CODE K



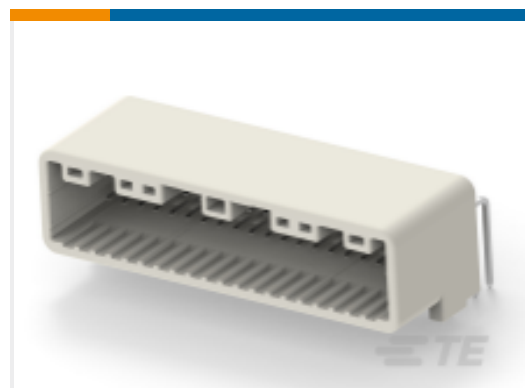
TE Part #2290247-3
4POS,0.50 HSL,90 DEG,COD C



TE Part #2291392-6
MALE ASM, 1 POS, R/A, PCB, FAKRA



TE Part #2321775-3
4P,MATE-AX,HDR ASSY,90DEG,COD C



TE Part #2322791-2
40POS,TAB0.64X0.64,HDR ASSY,
90DEG



TE Part #2326784-1
32POS,TAB0.64X0.64,HDR ASSY,
90DEG,SLDR

Documents



Product Drawings

[MALE ASM, 1 POS, R/A, PCB, FAKRA](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2291392-1_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2291392-1_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2291392-1_1.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[Application Specification](#)

English