

2209201-3 ✓ ACTIVE

### FAKRA RF Connector System

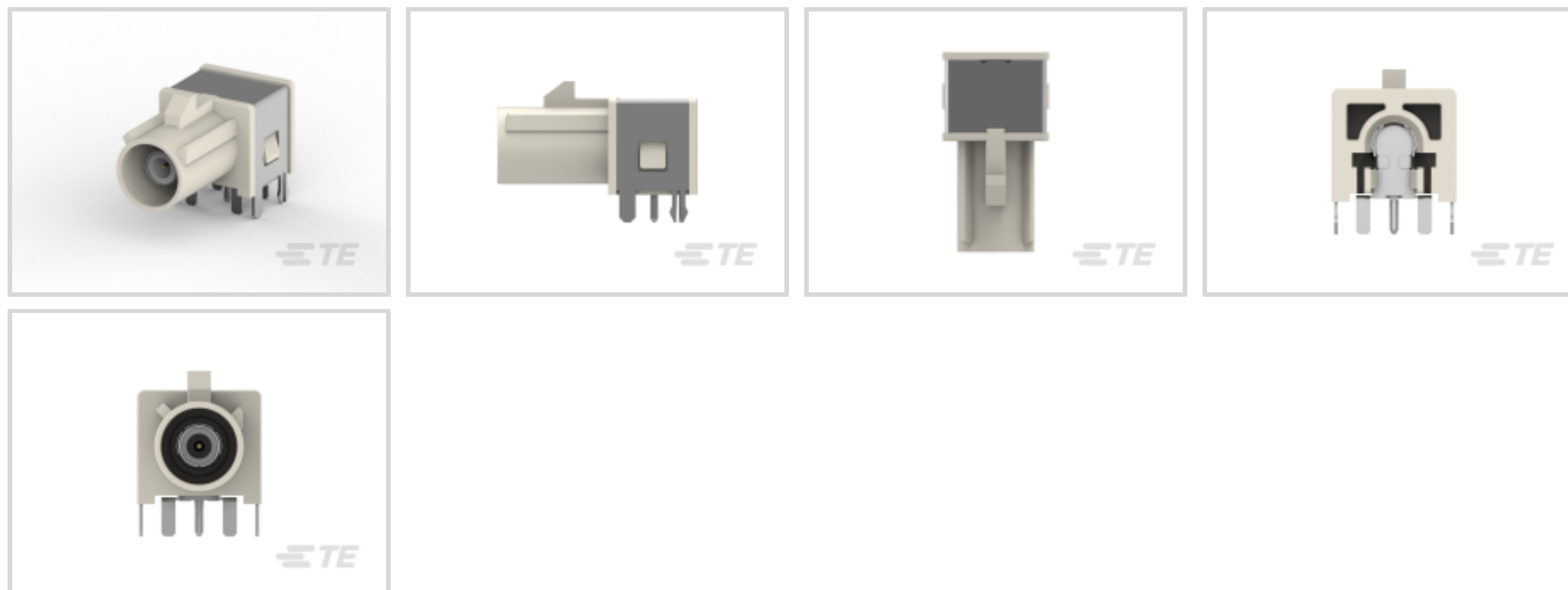
TE Internal #: 2209201-3

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

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



Connector & Keying Code: **C**

Connector System: **Wire-to-Device**

Number of Positions: **1**

Sealable: **No**

Shielded: **Yes**

### Features

#### Product Type Features

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

#### Configuration Features

Number of Positions	1
PCB Mount Orientation	Horizontal

#### Electrical Characteristics

Impedance	50 Ω
Operating Voltage	60 VDC

#### Signal Characteristics

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

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PCB Retention Feature Plating Material	Tin
Body Material	PA6T GF30
Connector & Keying Code	C

#### Contact Features

Center Contact	With
Contact Type	Pin
Contact Mating Area Plating Material	Gold
RF Connector Center Contact Plating Material	Other

#### Termination Features

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

Mating Retention	With
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock

#### Housing Features

Housing Color	Blue
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#### Dimensions

Connector Height	13.8 mm[.543 in]
Product Width	10.4 mm[.409 in]
Product Length	19.5 mm[.768 in]

#### 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	USCAR
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#### Other



Outer Contact Plating Material	Tin (Sn)
Dielectric Material	PCT

### 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: JAN 2024 (240) 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	Wave solder capable to 265°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



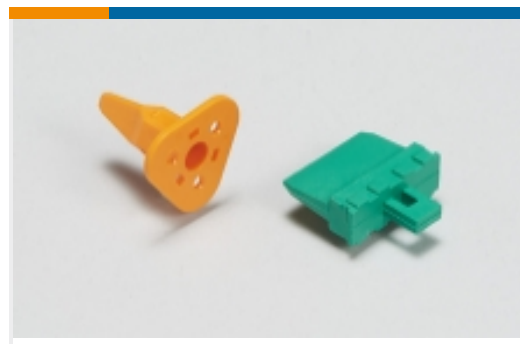
Also in the Series | **FAKRA RF Connector System**



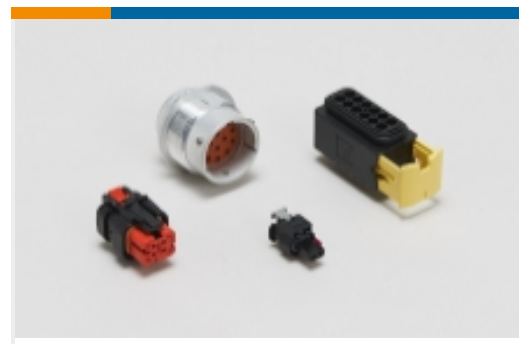
Automotive Connector Caps & Covers (2)



Automotive Connector EMC Shielding (6)



Automotive Connector Locks & Position Assurance(8)



Automotive Housings(6)



Automotive Terminals(30)



Coax Connectors(1)



Connector Contacts(1)



Data Connectivity Headers(367)



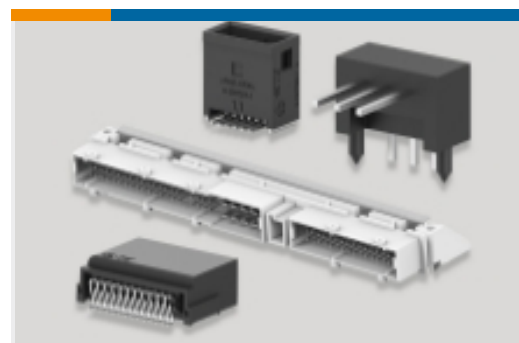
Data Connectivity Housings(515)



Infotainment & Multimedia Cable Assemblies(1)



Other Automotive Connector Accessories(28)



PCB Headers & Receptacles(2)



RF Contacts(6)

## Customers Also Bought



TE Part #1-1355154-1  
Signal Header



TE Part #2291364-2  
4POS,PIN DIA 0.6,HEADER ASSY,  
CODE B



TE Part #2291392-3  
MALE ASM, 1 POS, R/A, PCB, FAKRA



TE Part #1-2295321-6  
RITS CONN. SOCKET ASSY 6P RED  
TIN



## Documents

### Product Drawings

Jack Assy, RA, Panel Mount, PCB, FAKRA

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2209201-3\\_B\\_c-2209201-3-b.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2209201-3\\_B\\_c-2209201-3-b.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2209201-3\\_B\\_c-2209201-3-b.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