

## FAKRA

TE Internal #: 2327435-2

SMB Connector, Jack, 50 ohm, Locking, 1 GHz, Wire-to-Board, 1 Position, Sealable, -40 – 105 °C [-40 – 221 °F], Straight, PBT GF, FAKRA

[View on TE.com >](#)

[Connectors >](#) [RF Connectors >](#) [Coax Connectors](#)
RF Interface: **SMB**RF Connector Style: **Jack**RF Connector Mated Outer Diameter (Approximate): **7.49 mm**Impedance: **50 Ω**RF Connector Coupling Mechanism: **Locking**

## Features

### Product Type Features

Connector Seal & Plug Type	Rubber Seal
Connector Product Type	Housing Assembly
Connector Shape	Rectangular
RF Interface	SMB
RF Connector Style	Jack
Connector System	Wire-to-Board
Sealable	Yes

### Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

### Electrical Characteristics

EMI & RFI Protection & Suppression Type	Shielding
Impedance	50 Ω

### Body Features

Body Material	PBT GF
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### Contact Features

RF Connector Center Contact Underplating Material	Nickel
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RF Connector Center Contact Plating Material	Gold (Au)
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RF Connector Center Contact Material	Brass
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### Mechanical Attachment

Detent Type	Full Detent
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RF Connector Coupling Mechanism	Locking
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Detent	With
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### Housing Features

Housing Color	Black
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Body Orientation	Straight
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### Dimensions

Product Length	27 mm
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RF Connector Mated Outer Diameter (Approximate)	7.49 mm
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### Usage Conditions

Insulation Option	Uninsulated
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Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]
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### Operation/Application

Circuit Application	Power & Signal
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Operating Frequency Range	1 GHz
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### Packaging Features

Packaging Method	Tray
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### Other

Dielectric Material	Liquid Crystal Polymer (LCP)
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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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F < 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 # 2327459-2  
OUT SHELL FOR REAR BODY ASSY

TE Part # 2327462-1  
FLOATING HEADER ASSY

## Also in the Series | FAKRA

Automotive Connector EMC Shielding (3)

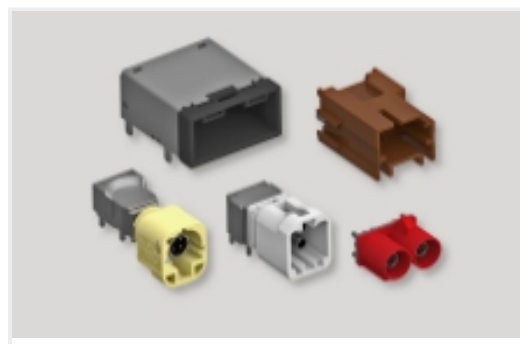
Automotive Connector Locks & Position Assurance(11)

Automotive Housings(7)

Automotive Seals & Cavity Plugs(2)



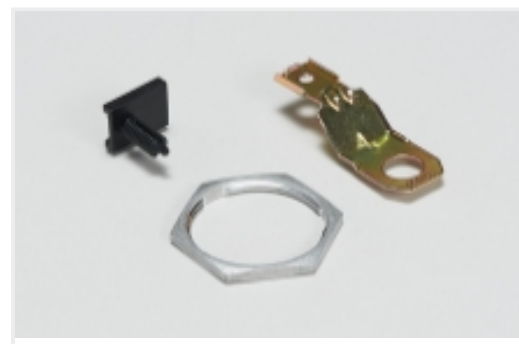
Connector Adapters & Connector Savers(6)



Data Connectivity Headers(394)



Infotainment & Multimedia Cable Assemblies(31)



Other Automotive Connector Accessories(32)

## Customers Also Bought



## Documents

### CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_2327435-2\\_A.2d\\_dxf.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_2327435-2\\_A.3d\\_igs.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_2327435-2\\_A.3d\\_stp.zip](#)

English

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

### Product Specifications

[Product Specification](#)

English