

5-1814822-3 **x** OBSOLETE

TE Internal #: 5-1814822-3

TE Internal Description: F Type Str Plg T/O 75 Ohm RG6/

F Type Connector: Jack, Right-Angle, Elbow Jack PCB, 75 Ohm

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Connectors > RF Coax Connectors > RF Connectors > F Type Connector: Jack, Right-Angle, Elbow Jack PCB, 75 Ohm



RF Interface: **F Type**

RF Connector Style: **Plug**

RF Connector Mated Outer Diameter (Approximate): **9.5 mm [.374 in]**

Impedance: **75 Ω**

Compatible With RF Cable Type: **RG 6**

[All F Type Connector: Jack, Right-Angle, Elbow Jack PCB, 75 Ohm \(0\)](#)

Features

Product Type Features

RF Interface	F Type
RF Connector Style	Plug
Compatible With RF Cable Type	RG 6
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	75 Ω
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Body Features

Cable Connector Orientation	Straight
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Body Material	Brass
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Body Plating Material	Nickel
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Termination Features

Termination Method to Wire & Cable	Twist-On
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Mechanical Attachment

RF Connector Coupling Mechanism	Screw
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Connector Mounting Type	Panel Mount
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RF Contact Captivation Method	Mechanical
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Detent	Without
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Dimensions

RF Connector Mated Outer Diameter (Approximate)	9.5 mm[.374 in]
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Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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Operation/Application

Operating Frequency	1 GHz
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Packaging Features

Packaging Method	Box
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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	Not Yet Reviewed
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUN 2018 (191) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable 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>

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5-1814822-3_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1814822-3_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1814822-3_C.3d_stp.zip](#)

English

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Product Specifications

Economy RF Coaxial Connectors

English

Product Specification

English