

5-1814822-7 ✓ ACTIVE

TE Internal #: 5-1814822-7

RF Connectors, F Series RF Interface, Plug, RF Connector Mated

Outer Diameter (Approximate) .374 in [9.5 mm], 75 Ω

[View on TE.com >](#)



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



RF Interface: **F Series**

RF Connector Style: **Plug**

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

Impedance: **75 Ω**

Compatible With RF Cable Type: **CT125**

[All F Type Connector: Male \(Jack\), Right-Angle, Elbow Jack PCB, 75 Ohm \(5\)](#)

Features

Product Type Features

RF Interface	F Series
RF Connector Style	Plug
Compatible With RF Cable Type	CT125
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

Ferrule Length	Long
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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	Compliant with Exemptions
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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: JAN 2021 (211) Candidate List Declared Against: JAN 2019 (197) SVHC > Threshold: Not Yet Reviewed
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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>

Compatible Parts



TE Part # CAT-884-FTM75
F Type Connector: Male (Jack), Right-Angle, Elbow Jack PCB, 75 Ohm



TE Part # CAT-884-FTF75
F Type Connector: Male (Jack), Right-Angle, Elbow Jack PCB, 75 Ohm



TE Part # CAT-884-FTMRA75
F Type Connector: Male (Jack), Right-Angle, Elbow Jack PCB, 75 Ohm



TE Part # CAT-884-FTYPEMV75
F Type Connector: Male (Jack), Vertical Mount, 75 Ohm



TE Part # 5415322-2
SURFACE MOUNT JACK, F SERIES



TE Part # 415024-1
JACK, R/A, PCB, F-SERIES



TE Part # 415276-2
JACK, PCB, R/A, F SERIES



TE Part # 415712-1
F SERIES BLKHD JACK, RM



TE Part # 5415569-2
F SERIES, FRT.MT, BLKHD JACK



TE Part # 5415712-1
F SERIES BLKHD JACK, RM

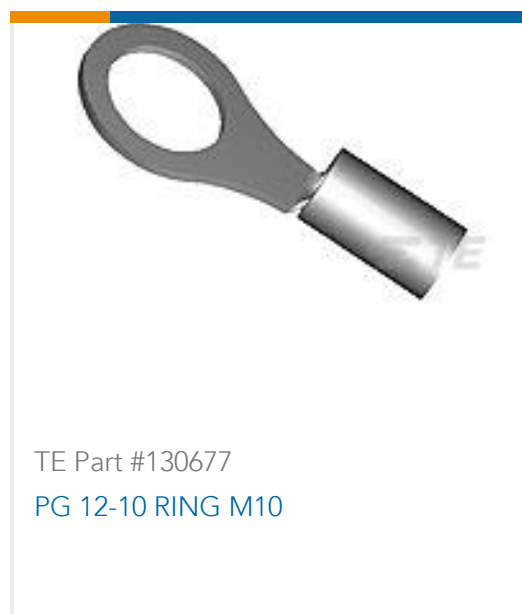


TE Part # 6274430-1
JACK, R/A, PCB, SEALED, F SERIES



TE Part # 887078-1
JACK, R/A PCB F SERIES

Customers Also Bought



Documents

Product Drawings

[F Type Str Plg T/O 75 Ohm CT125](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5-1814822-7_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1814822-7_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1814822-7_C.3d_stp.zip](#)

English

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

Product Specifications



Economy RF Coaxial Connectors

English

Product Specification

English