



TE Internal #: 5-1814823-1
RF Connectors, F Series RF Interface, Jack, RF Connector Mated
Outer Diameter (Approximate) .299 in [7.6 mm], 75 Ω, Threaded,
2GHz Operating Frequency
[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: **Jack**
RF Connector Mated Outer Diameter (Approximate): **7.6 mm [.299 in]**
Impedance: **75 Ω**
RF Connector Coupling Mechanism: **Threaded**

[All F Type Connector: Male \(Jack\), Right-Angle, Elbow Jack PCB, 75 Ohm \(4\)](#)

Features

Product Type Features

RF Interface	F Series
RF Connector Style	Jack
Connector System	Cable-to-Panel
Sealable	No

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
Body Material	Zinc Alloy
Body Plating Material	Nickel



Contact Features

RF Connector Center Contact Plating Material	Tin
RF Connector Center Contact Material	Phosphor Bronze

Mechanical Attachment

Panel Attachment Style	Front Mount
RF Connector Coupling Mechanism	Threaded
RF Contact Captivation Method	Mechanical
Detent	Without

Dimensions

RF Connector Mated Outer Diameter (Approximate)	7.6 mm[.299 in]
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Usage Conditions

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

Operating Frequency	2 GHz
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Packaging Features

Packaging Quantity	1
Packaging Method	Box

Other

Dielectric Material	Polypropylene
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Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (2.65% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC



Free

Solder Process Capability

Not applicable for solder process capability

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-FTF75
F Type Connector: Male (Jack), Right-Angle, Elbow Jack PCB, 75 Ohm

TE Part # CAT-884-FTYPEF75
F Type Coax Connector: Female (Plug), 75 Ohm

Customers Also Bought

TE Part #1623776-2
MPC5 100R 5%

TE Part #1-1337541-0
BNC Ins Str PCB Skt 50Ohm White

TE Part #1-2834016-2
2POS 2.54MM SES CONN.

TE Part #1-86479-3
02 MODII HDR DRRA UNSHRD .100

TE Part #1-1625875-0
CBT 1/4 5% 15K

TE Part #1622224-1
LR0204 1% 36R

TE Part #8-1419125-3
STD OEG PCB PCFN Solar Power Relays

TE Part #1461330-5
STD OEG Miniature PCB OJT Power Relays



TE Part #1-1634622-0
BNC Ins R/A PCB Skt 75Ohm Black

Documents

Product Drawings

F Type Bulkhead Socket 75 Ohm

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-1814823-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-1814823-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-1814823-1_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