



TE Internal #: 5-1814826-3

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

Outer Diameter (Approximate) .342 in [8.7 mm], 75 Ω, RG 6

Compatible With RF Cable Type

[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): **8.7 mm [.342 in]**

Impedance: **75 Ω**

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

[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
Compatible With RF Cable Type	RG 6
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

Body Material	Brass
Body Material Finish	Plated



Body Plating Material	Nickel
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Contact Features

RF Connector Center Contact Plating Material	Tin
RF Connector Center Contact Material	Brass

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

Dimensions

RF Connector Mated Outer Diameter (Approximate)	8.7 mm [.342 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 Method	Box
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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
EU ELV Directive 2000/53/EC	Not Yet Reviewed
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: JAN 2021 (211) Candidate List Declared Against: JUN 2018 (191) SVHC > Threshold: Not Yet Reviewed



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 #1-2199298-3
DIP Socket: Low Profile, Stamped & Formed, Open, Tin



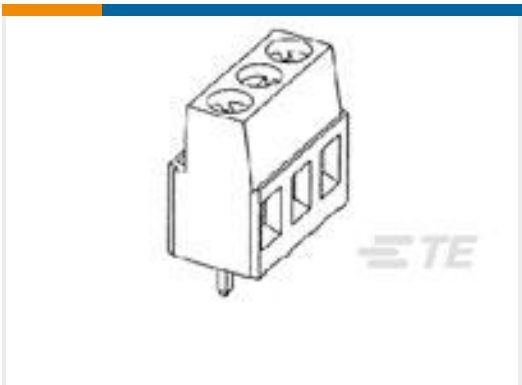
TE Part #DPP101A000
MS5637 WING BOARDS FOR XPLAINEDPRO



TE Part #3-2176050-1
Thick Film Resistor: Current Sense



TE Part #2311402-4
CAP, RD, ILLUMINATED TACT SWITCH, BLUE



TE Part #2-282856-8
TERMI-BLOK PCB MOUNT 2P, 7.0mm



TE Part #1986717-5
HEADER, 5P, 3.5mm 12.5 H



TE Part #213932-2
M-SER 34P ASSM KIT(CC,JS)V.35



TE Part #11031253-00
PIEZO CABLES



Documents

Product Drawings

F Type Blk Jk R/M 75 Ohm RG6/U

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-1814826-3_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-1814826-3_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-1814826-3_B.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

Economy RF Coaxial Connectors

English

Product Specification

English