



Connectors > RF Connectors > Coax Connectors



RF Interface: **F Type**
RF Connector Style: **Jack**
RF Connector Mated Outer Diameter (Approximate): **7.62 mm [.3 in]**
Impedance: **75 Ω**
RF Connector Coupling Mechanism: **Push-On**

Features

Product Type Features

RF Interface	F Type
RF Connector Style	Jack
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	75 Ω
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Body Features

Body Material	Zinc
Body Material Finish	Matte



Body Plating Material	Tin
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Contact Features

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

Termination Features

Termination Post & Tail Length	2.92 mm[.115 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

RF Connector Coupling Mechanism	Push-On
Connector Mounting Type	Board Mount
RF Contact Captivation Method	Mechanical
Detent	Without

Dimensions

Profile Height from PCB	33.53 mm[1.32 in]
RF Connector Mated Outer Diameter (Approximate)	7.62 mm[.3 in]

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	Carton
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Other

Dielectric Material	Polymethylpentene
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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	Compliant
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: JUNE 2024 (241)



Candidate List Declared Against: JAN 2020 (205)
Does not contain REACH SVHC

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	Wave solder capable to 265°C
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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-FTYPEF75
F Type Connectors: Plug, 75 Ohm

Also in the Series | MEAS G Series

Coax Connectors(1)

RJ45 Connectors(1)

Also in the Series | OEG Miniature Relay PCF



Coax Connectors(1)



Combo Jacks(1)



Connector Contacts(1)



IDC D-Sub Connectors(1)



Mini PCI Express & mSATA(1)



RJ14 Connectors(2)



RJ22 Connectors(1)



RJ25 Connectors(8)



RJ45 Connectors(69)

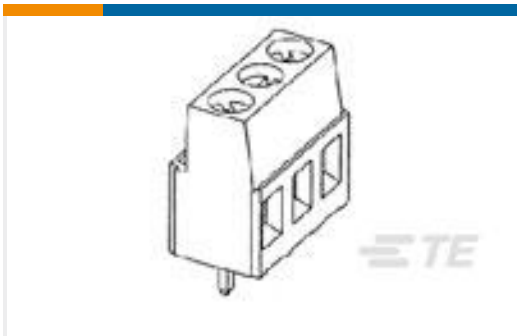
Customers Also Bought



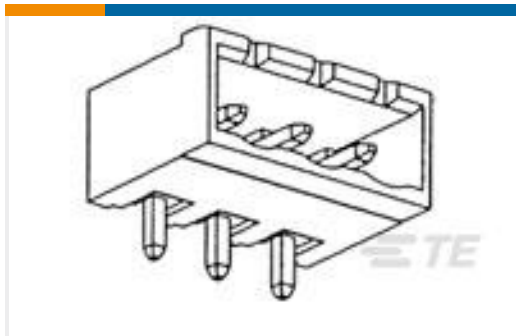
TE Part #4-794630-8
18P MICRO MNL ASSY,VRT,HDR,LF



TE Part #5-794630-2
22P MICRO MNL ASSY,VRT,HDR,LF



TE Part #282841-8
TERMI-BLOK PCB MOUNT 8P. 5



TE Part #796644-4
4POS 5.0MM CE R/A HDR,TRM BLK



TE Part #52961-1
TERMINAL,PG SPR SPD 12-10 6



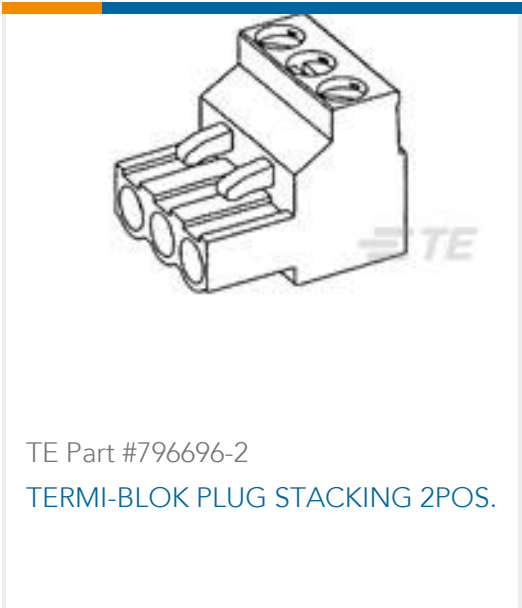
TE Part #1-2176308-2
RP 1E 0.1W 174K 0.1% 25PPM 5K RL



TE Part #4-2176364-3
RQ 0402 12K7 0.1% 10PPM 5K RL



TE Part #3-641190-2
02P MTA100 CONN ASSY RED LF



Documents

Product Drawings

JACK, VERTICAL, PCB, F SERIES

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_6274020-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_6274020-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_6274020-1_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

F Series and G Series Connectors

English