5-1814825-1 × OBSOLETE

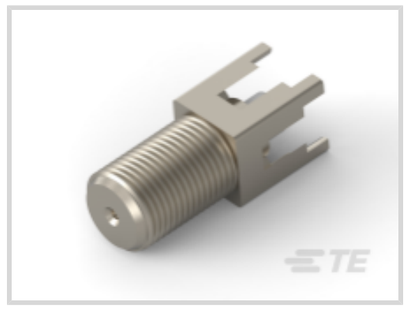
TE Internal #: 5-1814825-1

TE Internal Description: F Type Straight PBC Socket 75 Ohm

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

View on TE.com >

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





RF Interface: **F Type**

RF Connector Style: **Jack**

Impedance: **75 Ω**

RF Connector Coupling Mechanism: **Threaded**

Operating Frequency: **2 GHz**

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

Features

Product Type Features

RF Interface	F Type
RF Connector Style	Jack
Connector System	Cable-to-Panel
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

Body Features

Body Material	Zinc

Body Plating Material	Nickel

Contact Features

RF Connector Center Contact Plating Material	Tin (Sn)
RF Connector Center Contact Material	Phosphor Bronze

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Board Mount
RF Contact Captivation Method	Mechanical
Detent	Without

Operation/Application

Operating Frequency	2 GHz

Packaging Features

Packaging Quantity	100
Packaging Method	Box

Other

Dielectric Material	Polyethylene

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: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

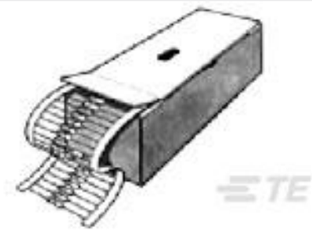
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

Customers Also Bought

TE Part #1622312-1
LR1 1% 12R

TE Part #1676188-2
RN 0805 147K 0.1% 10PPM 1KRL

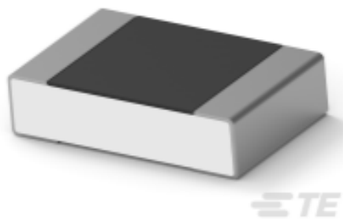
TE Part #35476
TERMINAL,SOLIS R 12-10 6



TE Part #1879927-1
EP 7W 100R 5%

TE Part #1-338069-0
MICRO-MATCH SMD FTE

TE Part #4-2176093-0
RP 2A 0.25W 24K9 0.1% 25PPM 1K RL



TE Part #3-2176376-9
RQ 0805 30K9 0.1% 10PPM 1K RL

TE Part #8-1393243-7
RT425048

TE Part #1623470-1
CRG1206 1% 270R

TE Part #2176339-2
CRGCQ 0603 12R 1%

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_5-1814825-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-1814825-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-1814825-1_C.3d_stp.zip

English

Product Specifications

Economy RF Coaxial Connectors

English

Product Specification

English

Agency Approvals

UL Report

English