# 5-1814825-1 × OBSOLETE

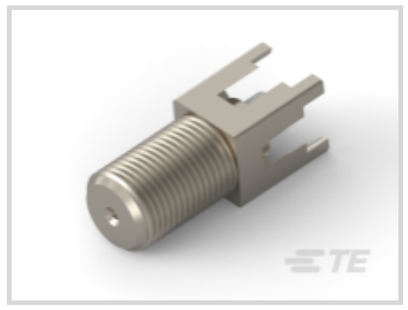
TE Internal #: 5-1814825-1

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 |
| RF Connector Center Contact Material | Phosphor Bronze |

## Termination Features

| | |
|---|---|
| Termination Method to Printed Circuit Board | Through Hole - Solder |

## Mechanical Attachment

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

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -55 – 85 °C[-67 – 185 °F] |

## 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: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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 #1-338069-0
MICRO-MATCH SMD FTE

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

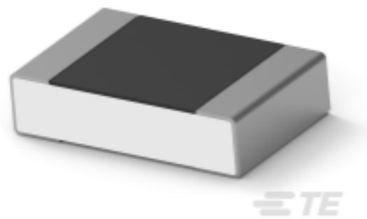
TE Part #4-2176093-0
RP 2A 0.25W 24K9 0.1% 25PPM 1K RL

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


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

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

TE Part #8-1393243-7
RT425048



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

## 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