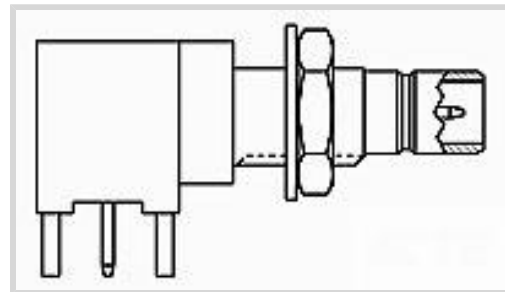




Connectors > RF Coax Connectors > RF Connectors



RF Interface: **SMB**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **4.75 mm [ .187 in ]**

Impedance: **75 Ω**

RF Connector Coupling Mechanism: **Snap-Fit**

## Features

### Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Connector Product Type            | Connector Assembly    |
| RF Interface                      | SMB                   |
| RF Connector Style                | Jack                  |
| Connector System                  | Cable-to-Board        |
| Sealable                          | No                    |
| Connector & Contact Terminates To | Printed Circuit Board |

### Configuration Features

|                            |             |
|----------------------------|-------------|
| PCB Mount Orientation      | Right Angle |
| Number of Positions        | 1           |
| Number of Coaxial Contacts | 1           |

### Electrical Characteristics

|   |                 |
|---|-----------------|
| EMI & RFI Protection & Suppression Type | Isolated Ground |
| Impedance                               | 75 Ω            |

### Body Features

|                            |        |
|----------------------------|--------|
| Body Underplating Material | Copper |
| Body Material              | Brass  |
| Body Material Finish       | Plated |
| Body Plating Material      | Nickel |

### Contact Features

|   |        |
|---|--------|
| RF Connector Center Contact Underplating Material | Nickel |
|---|--------|

65 µin

RF Connector Center Contact Plating Material

Gold

RF Connector Center Contact Material

Brass

### Termination Features

Termination Post &amp; Tail Length

2.79 mm[.109 in]

Termination Method to Printed Circuit Board

Through Hole - Solder

### Mechanical Attachment

RF Connector Coupling Mechanism

Snap-Fit

Connector Mounting Type

Panel Mount

Detent

Without

### Dimensions

Profile Height from PCB

7.67 mm[.302 in]

RF Connector Mated Outer Diameter (Approximate)

4.75 mm[.187 in]

### Usage Conditions

Operating Temperature Range

-65 – 165 °C[-85 – 329 °F]

### Operation/Application

Operating Frequency

4 GHz

### Packaging Features

Packaging Method

Carton

### Other

Grade

Commercial

Dielectric Material

PTFE

## Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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: JUNE 2022  
(224)  
Candidate List Declared Against: JUL 2021  
(219)  
SVHC > Threshold:  
Pb (4% 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 Bromine/Chlorine - Br and Cl < 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>

## Documents

### Product Drawings

[JACK, RATNG, PCB, SMB, 75 OHM](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_415377-1\\_G.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_415377-1\\_G.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_415377-1\\_G.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[SMB Connectors](#)

English

### Product Environmental Compliance

[MD\\_415377-1\\_111320152234\\_dmtec](#)

English



[MD\\_415377-1\\_111320152234\\_dmtec](#)

English