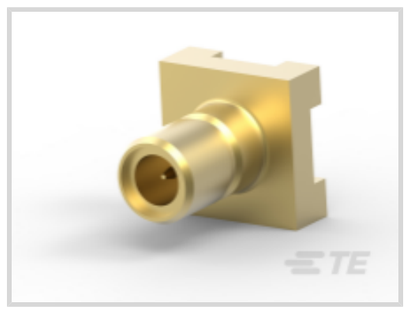
# 1-1337604-0 ✔ ACTIVE

TE Internal #: 1-1337604-0

SMB Connector, Jack, 50 ohm, Snap-Fit, 4 GHz, Cable-to-Cable, 1 Position, Printed Circuit Board, Board Mount, -65 – 165 °C [-85 – 329 °F], Brass, Gold

View on TE.com >

Connectors > RF Connectors > Coax Connectors




RF Interface: **SMB**

RF Connector Style: **Jack**

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

Impedance: **50 Ω**

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

## Features

### Product Type Features

| | |
|---|---|
| Connector Shape | Rectangular |
| Connector Product Type | Connector Assembly |
| RF Interface | SMB |
| RF Connector Style | Jack |
| Connector System | Cable-to-Cable |
| 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 | 50 Ω |

### Body Features

| | |
|---|---|
| Body Material | Brass |
| Body Plating Material | Gold |

### Contact Features

| | |
|---|---|
| RF Connector Center Contact Plating Material | Gold (Au) |
| RF Connector Center Contact Material | Brass |

### Termination Features

| | |
|---|---|
| Termination Method to PCB | Surface Mount |

### Mechanical Attachment

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

### Dimensions

| | |
|---|---|
| Product Length | 7.7 mm[.303 in] |
| Profile Height from PCB | 7.7 mm[.303 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 Quantity | 100 |
| Packaging Method | Tray |

### Other

| | |
|---|---|
| Additional Features | Pin Protection |
| Grade | Professional |
| Dielectric Material | PTFE |

## Product Compliance

For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
| EU ELV Directive 2000/53/EC | Not Compliant |

| | |
|---|---|
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>SVHC > Threshold:<br>Pb (3.23% in 4867012)<br>**Article Safe Usage Statements:**<br>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 | Reflow solder capable to 260°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

## Compatible Parts

TE Part # 5225555-6
TNC PLUG DUAL W/P TR

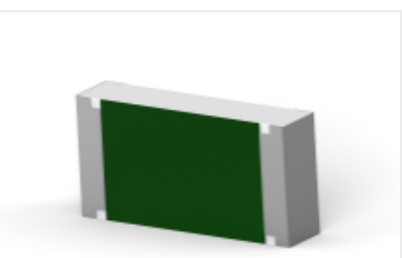
TE Part # 5222506-1
CONNECTOR,PLUG,HEX CRIMP,TNC

## Customers Also Bought

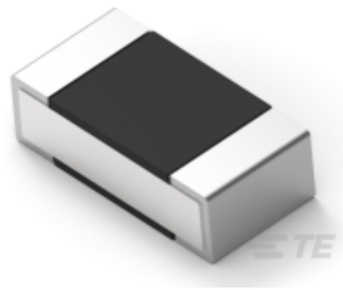
TE Part #5-5179180-4
0.8FH,R09H.5,100,08/Sn,TR,SC

TE Part #825440-6
MOD 2 PINHDR 2X06P.

TE Part #2110743-1
SFP 1x6 Light Pipe Assy, Low Profile



TE Part #2-2176397-8
3502 13R 1%



TE Part #3-2176309-5
RP 1E 0.1W 22R6 0.1% 25PPM 1K RL

TE Part #4-1614350-3
RN 0603 150R 0.1% 10PPM CUT LENGTH

TE Part #52925
TERMINAL,PIDG SPR SPD 26-22 8

TE Part #3-1676731-3
RN 0805 3K3 0.1% 5PPM 1K RL


TE Part #6-1879501-9
CRGH2512 5% 680R 2W

TE Part #2-1623746-8
ER74 33R 5% AMMO PK

## Documents

### Product Drawings

SMB SMT Skt 50Ohm Gold Pltd

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1337604-0_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1337604-0_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1337604-0_D.3d_stp.zip

English