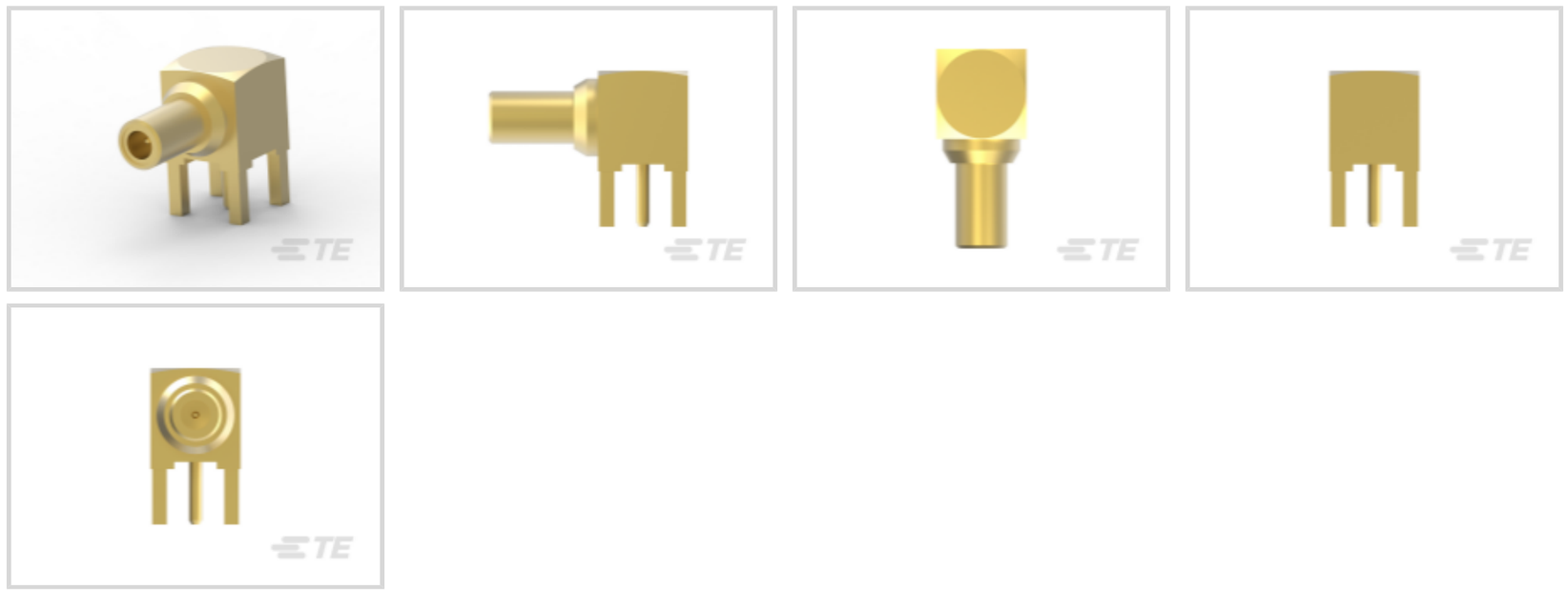
1-1337481-0 ✔ ACTIVE

TE Internal #: 1-1337481-0

RF Connectors, SMB RF Interface, Jack, RF Connector Mated Outer Diameter (Approximate) .187 in [4.75 mm], 50 Ω, Snap-On, 4GHz Operating Frequency

View on TE.com >

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: **50 Ω**

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

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

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

Electrical Characteristics

Impedance	50 Ω

Body Features

Body Shape	Square

Body Material	Brass
Body Plating Material	Gold

Contact Features

RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Brass

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	3.9 mm[.153 in]

Mechanical Attachment

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

Dimensions

Mounting Post Length	3.89 mm[.153 in]
PCB Thickness (Recommended)	3.2 mm[.126 in]
Product Length	11 mm[.432 in]
RF Connector Mated Outer Diameter (Approximate)	4.75 mm[.187 in]
Height Above PC Board	11 mm[.433 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

Grade	Professional
Additional Features	Board Standoff, Pin Protection
Dielectric Material	PTFE

Product Compliance

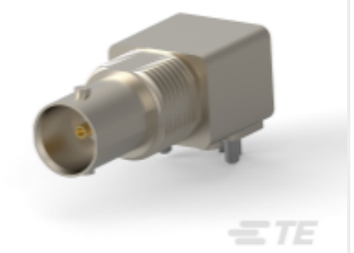
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (3.15% 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

Compatible Parts



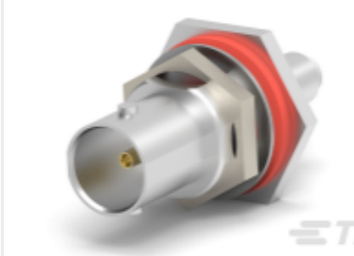
TE Part # CAT-076-BNCJKRA75C
BNC RF Connector: Male (Jack), Right-angle, 75 Ohm



TE Part # 5221199-5
JACK,75 OHM COML BNC



TE Part # 5221199-2
JACK,75 OHM,COML BNC



TE Part # 5413590-8
BNC BLKHD JACK,75 OHM,HEX



TE Part # 5413760-3
JACK,75 OHM,COML BNC,HEX CRIMP



TE Part # 5413760-8
JACK,75 OHM,COML BNC,HEX CRIMP



TE Part # 5413760-9
JACK,75 OHM,COML BNC,HEX CRIMP



TE Part # 5414409-1
BNC PCB RT ANG JACK W/POST



TE Part # 5415634-1
RTANG BNC PCB JACK - LOW PRO

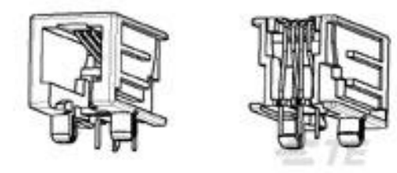


TE Part # 5221199-1
JACK,75 OHM,COML BNC



TE Part # 5413760-1
JACK,75 OHM,COML BNC,HEX CRIMP

Customers Also Bought



TE Part #1-1705951-1
Modular Jack SE, 8/8, Gold flash



TE Part #1-1879417-9
CPF 0603 1M0 0.1% 25PPM 1K RL



TE Part #160484-4
110 FASTON,REC.,20-17 AWG,BR



TE Part #1571983-4
GDH04S04=DIP SWITCH



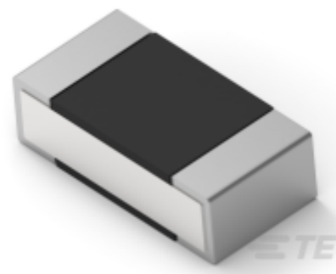
TE Part #1-1478979-0
SMA STR PCB SKT GSS



TE Part #1614881-2
CPF0603 10K 0.1% 25PPM 1K RL



TE Part #1624207-2
23SE 22KA 6.35X50FL B7 DPST (4A)



TE Part #9-2176311-2
RP 1E 0.1W 10K2 0.1% 25PPM 1K RL



TE Part #1241050-5
2x5P MOD II BREAK AWAY HDR,SMD, BLISTER



TE Part #1-1337482-0
SMB Str PCB Skt 50Ohm Gold Plt

Documents

Product Drawings

SMB R/A PCB Skt 50Ohm Gold Plt

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1337481-0_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1337481-0_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1337481-0_F.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

1-1773725-8_RF_COAX_QRG

English

Product Environmental Compliance

MD_1-1337481-0_04042018926_dmtec

English

MD_1-1337481-0_04042018926_dmtec

English