



TE Internal #: 5414337-1

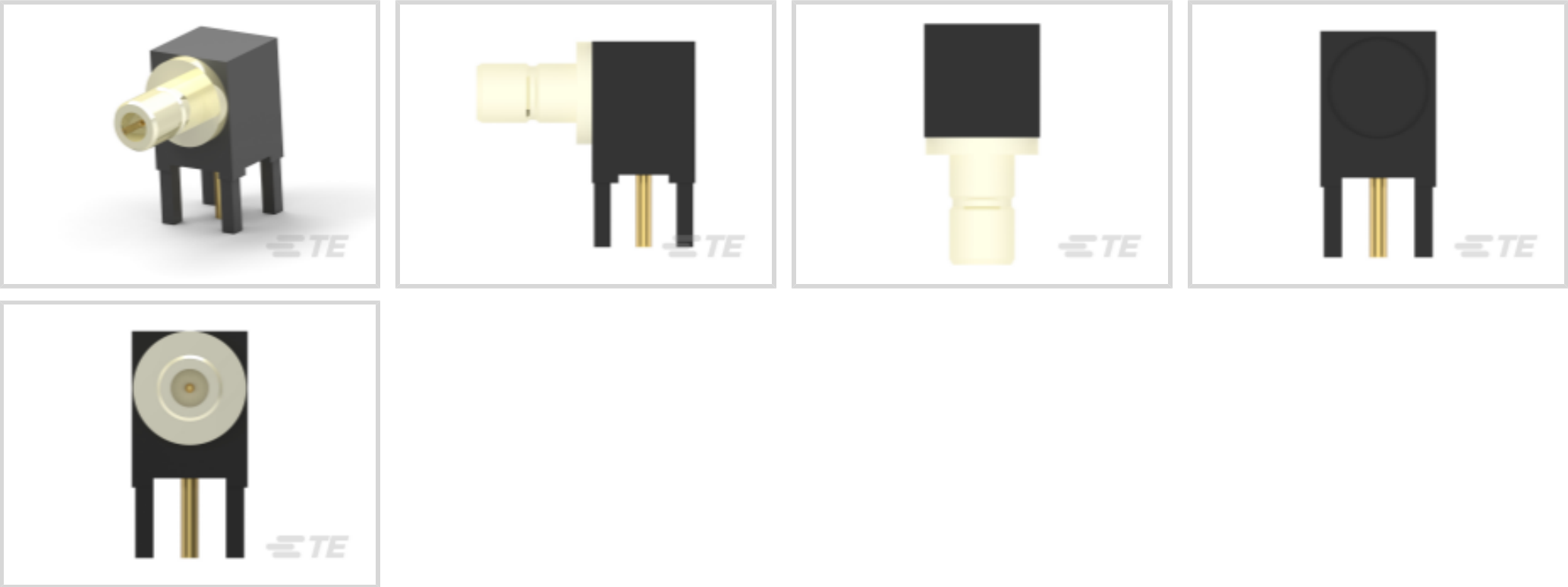
RF Connectors, SMB RF Interface, Jack, RF Connector Mated Outer

Diameter (Approximate) .187 in [4.75 mm], 50 Ω, Push-On, 4GHz

Operating Frequency

[View on TE.com >](#)

Connectors > RF Coax Connectors > RF Connectors > SMB Connector: Male (Jack), Right-angle Mount, Mated Outer Dia. 4.75mm



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: **Push-On**

All SMB Connector: Male (Jack), Right-angle Mount, Mated Outer Dia. 4.75mm (15)

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
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Body Features



Body Material	Brass, Zinc Alloy
Body Plating Material	Electroless Nickel

Contact Features

RF Connector Center Contact Underplating Material	Nickel
	30 μin
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	3.94 mm[.155 in]

Mechanical Attachment

RF Connector Coupling Mechanism	Push-On
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	With

Dimensions

RF Connector Mated Outer Diameter (Approximate)	4.75 mm[.187 in]
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Usage Conditions

Operating Temperature Range	-65 – 165 °C[-85 – 329 °F]
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Operation/Application

Operating Frequency	4 GHz
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Packaging Features

Packaging Method	Carton
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Other

Grade	Consumer
PCB Leg Plating Material	Tin
Additional Features	Board Standoff
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 (3.7% 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>

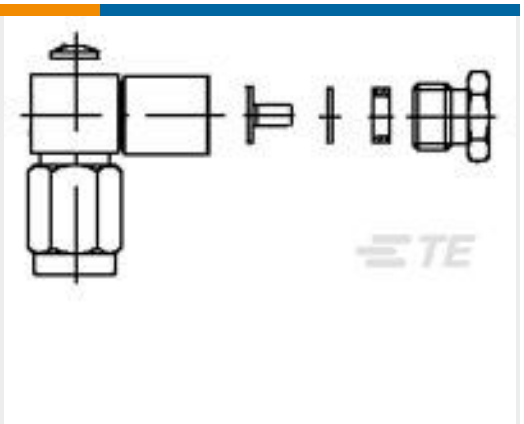
Compatible Parts



TE Part # CAT-884-SMBF50
SMB Connector: Female (Plug), Mated
Outer Dia. 4.75mm, 50 Ohm



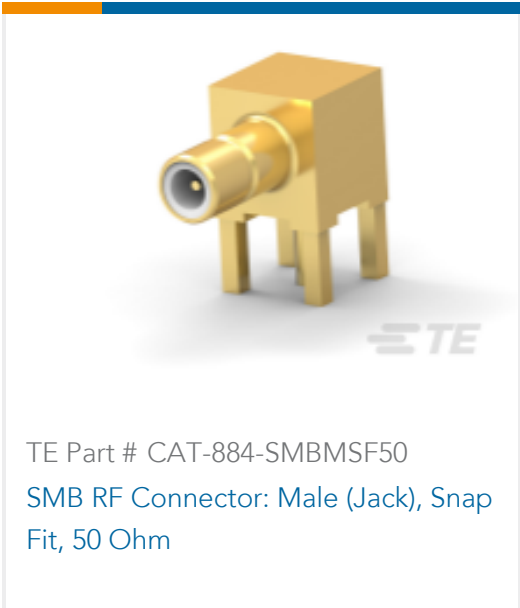
TE Part # CAT-884-SMBM50
SMB Connector: Male (Jack), Mated
Outer Dia. 4.75mm, 50 Ohm



TE Part # 1060183-1
5007 5008 09



TE Part # 1-1337478-0
SMB R/A Plg Hex 50Ohm Gold Pla



TE Part # CAT-884-SMBMSF50
SMB RF Connector: Male (Jack), Snap Fit, 50 Ohm

Customers Also Bought



TE Part #103310-1
010 LOPRO HDR RA 15DP



TE Part #2007705-1
IMP100S,R,RA3P10C,UG,39



TE Part #1676290-2
RN 0805 2K49 0.1% 10PPM 1KRL



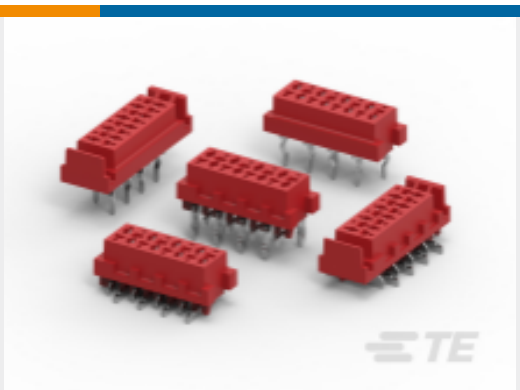
TE Part #9-1879333-1
CPF0402 200K 0.1% 25PPM 5K RL



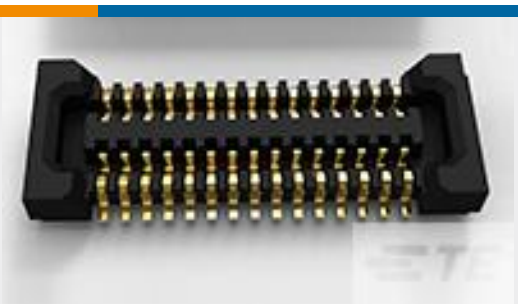
TE Part #1676352-3
RN 0805 499R 0.1% 10PPM 5KRL



TE Part #1676460-2
RN 0805 909R 0.1% 10PPM 1KRL



TE Part #1-188275-2
FEMALE-ON-BOARD CONNECTOR
TOP ENTRY



TE Part #1-2201197-0
0.4 STACKING CONN H0.98 REC
ASSEMBLY



TE Part #1948759-1
AMPLIMITE .050 FLAT ASSY, 10 FT



TE Part #2-5178238-8
CHAMP.050 REC ASS'Y 68P PB-FREE

Documents

Product Drawings
JACK,RTANG,SMB/PCB
English

CAD Files
3D PDF
English
Customer View Model
ENG_CVM_5414337-1_O.2d_dxf.zip



English

Customer View Model

ENG_CVM_5414337-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_5414337-1_O.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 Specifications

Product Specification

English

Connector, 50 Ohm Coaxial SMB Series

English

Product Environmental Compliance

TE Material Declaration

English