

TE Internal #: 5415006-2

SMB RF Interface, Jack, 50 ohm, RD 316, Snap-Fit, 4 GHz Operating

Frequency, Cable-to-Board, 1 Position, Wire & Cable, Panel Mount

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Connectors > RF Connectors > Coax Connectors > SMB Connector: Male (Jack), Mated Outer Dia. 4.75mm, 50 Ohm











RF Interface: SMB

RF Connector Style: Jack

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

Impedance: 50Ω

Compatible With RF Cable Type: RD 316

All SMB Connector: Male (Jack), Mated Outer Dia. 4.75mm, 50 Ohm (2)

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMB
RF Connector Style	Jack
Compatible With RF Cable Type	RD 316
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Number of Positions	1
Number of Coaxial Contacts	1
Electrical Characteristics	

50 Ω

Impedance



Cable Connector Orientation Body Material	Straight
Body Material	7. All
	Zinc Alloy
Body Plating Material	Nickel
Contact Features	
RF Connector Center Contact Underplating Material	Nickel
	50 μin
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Brass
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Panel Attachment Style	Rear Mount
RF Connector Coupling Mechanism	Snap-Fit
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	Without
Dimensions	
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	
Additional Features	Solderless
Grade	Mil-Type
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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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	Not applicable for solder process capability

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-SMBV50 SMB Connector: Jack, Vertical Mount, Mated Outer Dia. 4.75mm, 50 Ohm



TE Part # CAT-884-SMBMRA50 SMB Connector: Jack, Right-Angle Mount, Mated Outer Dia. 4.75mm







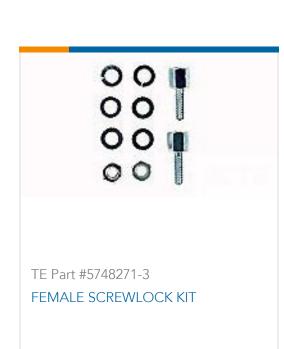


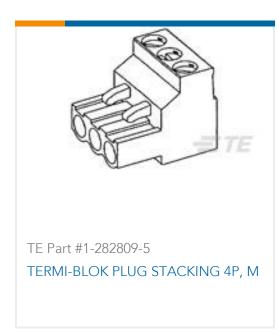


Customers Also Bought



















Documents

Product Drawings

SMB BLKHD CBL JACK, PB FREE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5415006-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5415006-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5415006-2_A.3d_stp.zip

English

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

SMB RF Interface, Jack, 50 ohm, RD 316, Snap-Fit, 4 GHz Operating Frequency, Cable-to-Board, 1 Position, Wire & Cable, Panel Mount



Datasheets & Catalog Pages

SMB Connectors

English