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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	Vertical
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Body Material	Brass
Body Plating Material	Gold

Contact Features

RF Connector Center Contact Underplating Material	Copper
RF Connector Center Contact Plating Material	Gold



RF Connector Center Contact Material	Brass
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Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	3.64 mm[.143 in]

Mechanical Attachment

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

Dimensions

RF Connector Mated Outer Diameter (Approximate)	4.75 mm[.187 in]
Height Above PC Board	7.59 mm[.298 in]

Usage Conditions

Operating Temperature Range	-55 – 155 °C[-67 – 311 °F]
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Packaging Features

Packaging Method	Carton
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Other

Grade	Commercial
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 (3.7% 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

Customers Also Bought



TE Part #1408150-1
MMCX Connector: Male (Jack)



TE Part #1367629-2
cage assy, 20 press fit, sfp w



TE Part #1-1734248-2
1.0 FPC, ZIF V/T, SMT, 12P



TE Part #9-2176307-4
RP 1E 0.1W 115K 0.1% 25PPM 5K RL



TE Part #1676389-1
RN 0805 5K62 0.1% 10PPM CUT LENGTH



TE Part #1624349-1
NTC0805 5% 1K0



TE Part #1622680-1
LR2 1% 120K



TE Part #1461250-2
STD SCHRACK RZF Power Relays



Documents

Product Drawings
B65N07G999X,SMB PCB VERT SOCKE
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_1310851-1_O.3d_igs.zip
English
Customer View Model
ENG_CVM_1310851-1_O.3d_stp.zip
English
Customer View Model
ENG_CVM_1310851-1_O.2d_dxf.zip
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Customer View Model
ENG_CVM_CVM_1310851-1_A.3d_stp.zip
English

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Datasheets & Catalog Pages
1307191 RF Coax Products Catalog
English