1-1337604-0 ✔ ACTIVE

TE Internal #: 1-1337604-0

SMB RF Interface, Jack, 50 Ω, Snap-Fit, 4 GHz Operating Frequency, Cable-to-Cable, 1 Position, Printed Circuit Board, Board Mount

[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

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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	Surface Mount

Mechanical Attachment

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

Dimensions

Profile Height from PCB	7.7 mm[.303 in]
Product Length	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	Compliant with Exemptions

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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 2023 (235)
	Candidate List Declared Against: JAN 2023 (233)
	SVHC > Threshold:
	Pb (4% 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	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 # 5222506-1
CONNECTOR,PLUG,HEX CRIMP,TNC

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

Customers Also Bought

TE Part #3-1393788-3
V23079B1201B301

TE Part #292253-6
CT CONN MT HDR ASSY H 6P NAT

TE Part #292161-4
CT P/HDR ASSY V 4P W/KINK NAT

TE Part #5-2176070-9
3521 2K7 1% 2W

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TE Part #4-1879378-2

TLR 2512 2.0W R006 1% 75PPM 2K RL

TE Part #2-1761606-6

IDC LOW PRO HDR 16P VERT LG LAT BLUE

TE Part #2-2176091-6

RP 2A 0.25W 105R 0.1% 25PPM 1K RL

TE Part #204632-E

SMCB 40 F AB VV 7-13 CL * H007 137 E002

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

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

Product Environmental Compliance

MD_1-1337604-0_102820141015_dmtec

English

MD_1-1337604-0_102820141015_dmtec

English

Agency Approvals

UL Report

English