



TE Internal #: 2081598-1

RF Connectors, 2.4mm Series RF Interface, Jack, 50 Ω, Screw,
50GHz Operating Frequency, Cable-to-Board, 1 Position, Wire &
Cable, Power & Signal

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Connectors > RF Coax Connectors > RF Connectors



RF Interface: **2.4mm Series**

RF Connector Style: **Jack**

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Screw**

Operating Frequency: **50 GHz**

Features

Product Type Features

RF Interface	2.4mm Series
RF Connector Style	Jack
Connector System	Cable-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
PCB Mount Orientation	Vertical
Number of Coaxial Contacts	1

Electrical Characteristics

EMI & RFI Protection & Suppression Type	PCB Ground
Impedance	50 Ω

Body Features

Body Material	Stainless Steel
Body Material Finish	Passivated



Contact Features

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

Mechanical Attachment

RF Connector Coupling Mechanism	Screw
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical

Dimensions

Height Above PC Board	10.94 mm[.431 in]
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Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Operating Frequency	50 GHz
Circuit Application	Power & Signal

Packaging Features

Packaging Method	Bag/Box
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Other

Dielectric Material	Polyetherimide (PEI)
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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	Not Yet Reviewed
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) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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

Customers Also Bought



Documents

Product Drawings

2.4MM JACK 2-HOLE FLANGE RECEPTACLE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2081598-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2081598-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2081598-1_A.3d_stp.zip

English

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Product Specifications

Product Specification

English