



Connectors > RF Coax Connectors > RF Connectors > MCX Connector: Jack, Vertical, 50 Ohm



RF Interface: MCX

RF Connector Style: Jack

RF Connector Mated Outer Diameter (Approximate): 3.48 mm [.137 in]

Impedance: 50 Ω

RF Connector Coupling Mechanism: Snap-On

[All MCX Connector: Jack, Vertical, 50 Ohm \(7\)](#)

Features

Product Type Features

Connector Shape	Circular
RF Interface	MCX
RF Connector Style	Jack
Connector System	Cable-to-Board
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
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Body Features

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Body Material	Brass
Body Material Finish	Plated
Body Plating Material	Tin

Contact Features

RF Connector Center Contact Underplating Material	Copper, Nickel
	1397 µin
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Brass

Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

PCB Mount Retention	Without
RF Connector Coupling Mechanism	Snap-On
Connector Mounting Type	Board Mount
Detent	Without

Dimensions

Profile Height from PCB	5.9 mm[.231 in]
Product Length	5.9 mm[.231 in]
RF Connector Mated Outer Diameter (Approximate)	3.48 mm[.137 in]

Usage Conditions

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

Operating Frequency	6 GHz
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Packaging Features

Packaging Method	Carton
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Other

Dielectric Material	TFE Fluorocarbon
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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	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 2022 (224) Candidate List Declared Against: JUL 2021 (219) 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	Pin-in-Paste 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>

Documents

Product Drawings
5862 5007 13,OSX PCB JACK RECP

English

CAD Files
3D PDF

English

Customer View Model
ENG_CVM_1061002-1_C.3d_igs.zip

English

Customer View Model
ENG_CVM_1061002-1_C.3d_stp.zip

English

Customer View Model
ENG_CVM_1061002-1_C.2d_dxf.zip

English

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Datasheets & Catalog Pages
1307191 RF Coax Products Catalog
English