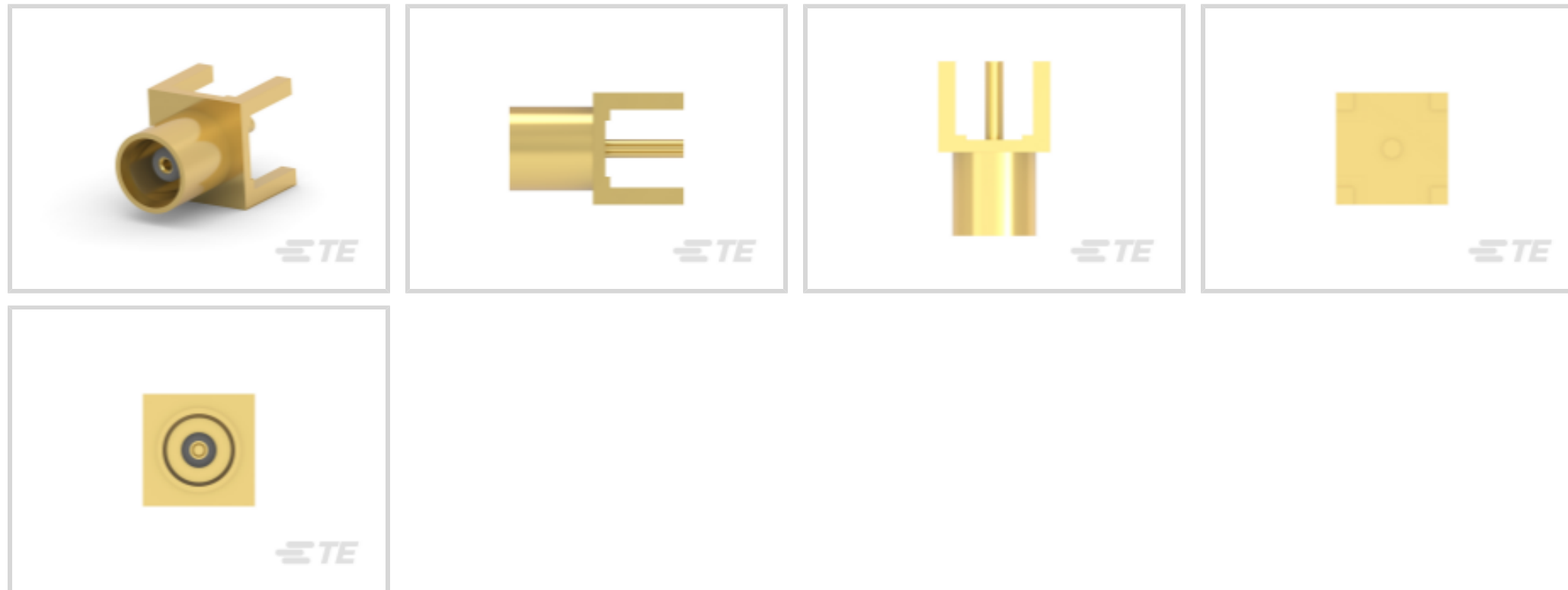




Connectors > RF Connectors > Coax Connectors > MCX Connector: Jack, Vertical, 50 Ohm



RF Interface: **MCX**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **4.5 mm [.177 in]**

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Push-On**

[All MCX Connector: Jack, Vertical, 50 Ohm \(5\)](#)

Features

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.94 mm[.155 in]

Contact Features

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

Configuration Features

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

Mechanical Attachment

PCB Mount Retention	With
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RF Connector Coupling Mechanism	Push-On
---------------------------------	---------

Connector Mounting Type	Board Mount
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RF Contact Captivation Method	Mechanical
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Detent	Without
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Dimensions

Profile Height from PCB	5.36 mm[.211 in]
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RF Connector Mated Outer Diameter (Approximate)	4.5 mm[.177 in]
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Product Type Features

Connector Shape	Rectangular
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RF Interface	MCX
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RF Connector Style	Jack
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Connector System	Cable-to-Board
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Sealable	No
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Connector & Contact Terminates To	Printed Circuit Board
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Electrical Characteristics

Impedance	50 Ω
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Operation/Application

Operating Frequency	6 GHz
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Body Features

Body Material	Brass
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Body Plating Material	Gold
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Packaging Features

Packaging Method	Package
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Other

Dielectric Material	TFE Fluorocarbon
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EU RoHS Compliance	Compliant with Exemptions
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EU ELV Compliance	Compliant with Exemptions
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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
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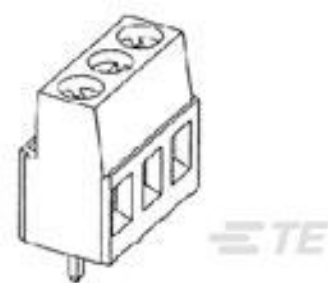

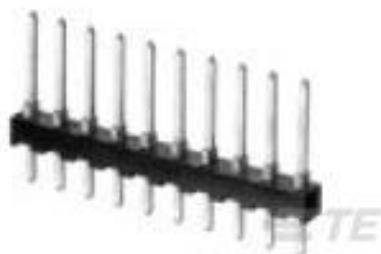



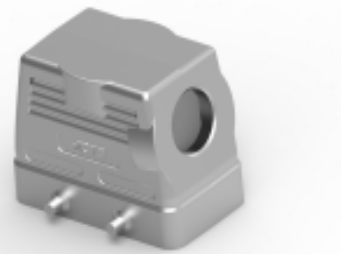
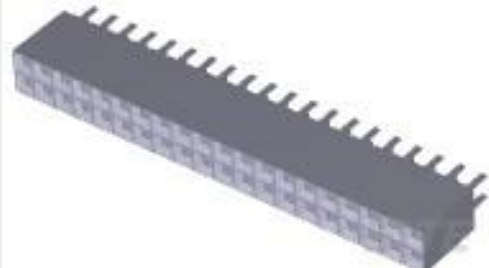
EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: 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>

Customers Also Bought

 <p>TE Part #282856-2 TERMI-BLOK PCB MOUNT 2P</p>	 <p>TE Part #T1210100116-000 H10B-TS-PG16</p>	 <p>TE Part #87221-3 04 MODII HDR SRST UNSHRD .150</p>	 <p>TE Part #T1210100113-000 H10B-TS-PG13.5</p>
 <p>TE Part #8-1393239-0 RT314A12</p>	 <p>TE Part #5-1415899-4 RZ03-1C3-D012</p>	 <p>TE Part #T1210101116-000 H10B-TS-PG16</p>	 <p>TE Part #7-534206-0 40 MODII VRT DR CE 100/115</p>



Documents

Product Drawings

[SCD,5862 5003 09,OSX](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1330126-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1330126-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1330126-1_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[MCX Connectors](#)

English