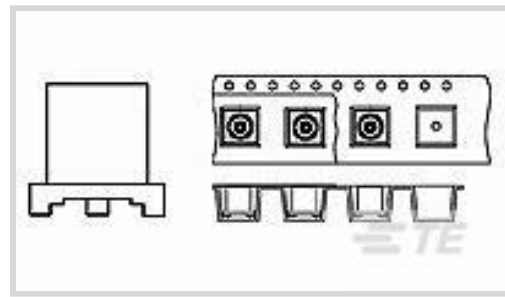




TE Internal #: 1061001-1
 RF Connectors, MCX RF Interface, Jack, 50 Ω, Snap-On, 6 GHz
 Operating Frequency, Cable-to-Cable, 1 Position, Printed Circuit
 Board, Board Mount

[View on TE.com >](#)

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

RF Interface	MCX
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
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Body Features

Body Material	Brass
Body Material Finish	Plated
Body Plating Material	Gold

Contact Features

RF Connector Center Contact Underplating Material	Copper, Nickel
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1397 μ m

RF Connector Contact Configuration	Captivated Contacts
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RF Connector Center Contact Plating Material	Gold
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RF Connector Center Contact Material	Brass
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Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

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

Profile Height from PCB	5.9 mm[.231 in]
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RF Connector Mated Outer Diameter (Approximate)	3.48 mm[.137 in]
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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	Package
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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
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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
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUL 2017 (174) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
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Solder Process Capability	Pin-in-Paste capable to 260°C
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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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 1060787-1
5807 7985 09, OSX R/A CABL PLUG



TE Part # 2081043-1
Assembly, MCX, plug, ST, crimp, RG316

TE Part # 6-1337579-0
MCX Str Plg Hex 50Ohm Gold Pltd RG178B/U

TE Part # 6-1337585-0
MCX R/A Plg Hex 50Ohm Gold Pltd RG174A/U

TE Part # 619585-1
MCX PLUG ST CRIMP FOR RG178, 196

Documents

Product Drawings

[5862 5007 09, OSX JACK RECEP](#)

English

CAD Files

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_1061001-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1061001-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1061001-1_B.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

Product Specifications

[Product Specification](#)

English