



TE Internal #: 6061092-1
RF Connectors, MCX RF Interface, Jack, RF Connector Mated
Outer Diameter (Approximate) .177 in [4.5 mm], 50 Ω, Push-On,
4GHz Operating Frequency
[View on TE.com >](#)

Connectors > RF Coax Connectors > RF Connectors > MCX Connector: Male (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: Male \(Jack\), Vertical, 50 Ohm \(12\)](#)

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

Impedance	50 Ω
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Body Features

Body Material	Brass
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Body Plating Material	Tin
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Contact Features

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

Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

PCB Mount Retention	Without
RF Connector Coupling Mechanism	Push-On
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	Without

Dimensions

Product Length	5.9 mm[.231 in]
RF Connector Mated Outer Diameter (Approximate)	4.5 mm[.177 in]
Height Above PC Board	5.38 mm[.212 in]

Usage Conditions

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

Operating Frequency	4 GHz
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Packaging Features

Packaging Quantity	900
Packaging Method	Reel

Other

Dielectric Material	PTFE
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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
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) 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

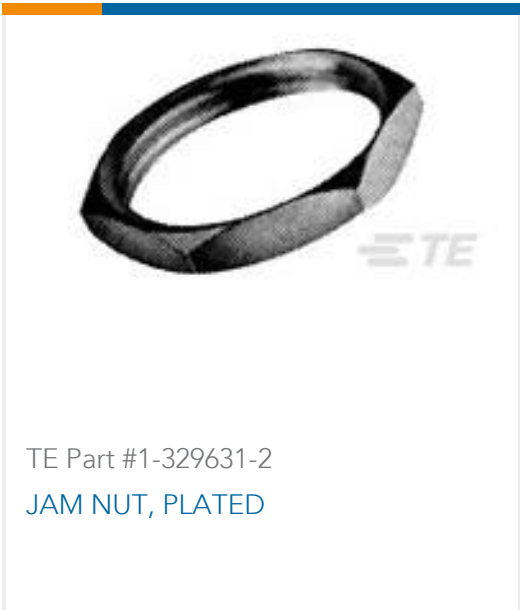
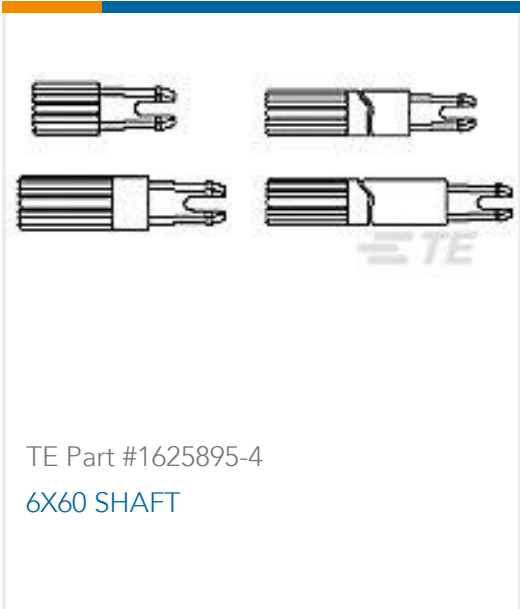
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

Compatible Parts

 TE Part # 1060875-1 50 OHM MCX CABLE PLUG (NICKEL)	 TE Part # 1060891-1 5837 5003 10,OSX RA CABLE PLUG	 TE Part # 1060787-1 5807 7985 09,OSX R/A CABL PLUG	 TE Part # 1060888-1 5837 5002 10
 TE Part # 1060778-1 5807 5001 09	 TE Part # 1060811-2 5818 5002 09	 TE Part # 1060869-1 50 OHM,MCX CABLE PLUG (NICKEL)	 TE Part # 1082804-1 5807 7947 09



Customers Also Bought



Documents

Product Drawings
OSX VERTICAL JACK

English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_6061092-1_A.2d_dxf.zip

6061092-1

RF Connectors, MCX RF Interface, Jack, RF Connector Mated Outer Diameter (Approximate) .177 in [4.5 mm], 50 Ω, Push-On, 4GHz Operating Frequency



English

Customer View Model

[ENG_CVM_CVM_6061092-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6061092-1_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