6061092-1 🚫 DO NOT USE FOR NEW DESIGN

TE Internal #: 6061092-1

RF Connectors, MCX RF Interface, Jack, 50 Ω, Push-On, 4 GHz Operating Frequency, Cable-to-Board, 1 Position, Printed Circuit Board, Panel Mount

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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 (7)

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

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

Electrical Characteristics

Impedance	50 Ω

Body Features

Body Material	Brass

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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	Beryllium Copper

Termination Features

Termination Method to Printed Circuit Board	Surface Mount

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

Profile Height from PCB	5.38 mm[.212 in]
Product Length	5.9 mm[.231 in]
RF Connector Mated Outer Diameter (Approximate)	4.5 mm[.177 in]

Usage Conditions

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

Operation/Application

Operating Frequency	4 GHz

Packaging Features

Packaging Quantity	900
Packaging Method	Reel

Other

Dielectric Material	PTFE

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: 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

Compatible Parts

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

Documents

Product Drawings
OSX VERTICAL JACK

English

CAD Files
3D PDF

3D

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Customer View Model

ENG_CVM_CVM_6061092-1_A.2d_dxf.zip

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