



TE Internal #: 829559-2

RF Connectors, MCX RF Interface, Jack, RF Connector Mated

Outer Diameter (Approximate) .19 in [4.85 mm], 50 Ω, Snap-On,

6GHz Operating Frequency

[View on TE.com >](#)

Connectors > RF Coax Connectors > RF Connectors > MCX Connector: Male (Jack), 50 Ohm



RF Interface: MCX

RF Connector Style: Jack

RF Connector Mated Outer Diameter (Approximate): 4.85 mm [.19 in]

Impedance: 50 Ω

RF Connector Coupling Mechanism: Snap-On

[All MCX Connector: Male \(Jack\), 50 Ohm \(6\)](#)

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 Mounting Legs	4
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	Copper Zinc
Body Plating Material	Gold
Body Underplating Material	Nickel

Contact Features

RF Connector Center Contact Underplating Material	Nickel
	150 μin
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Copper Zinc

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	2.95 mm[.116 in]

Mechanical Attachment

PCB Mount Retention	With
RF Connector Coupling Mechanism	Snap-On
Connector Mounting Type	Board Mount
RF Contact Captivation Method	Mechanical
Detent	Without

Dimensions

Product Length	9 mm[.356 in]
RF Connector Mated Outer Diameter (Approximate)	4.85 mm[.19 in]
Height Above PC Board	6 mm[.236 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 Quantity	1
Packaging Method	Bag

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
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 (4% 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

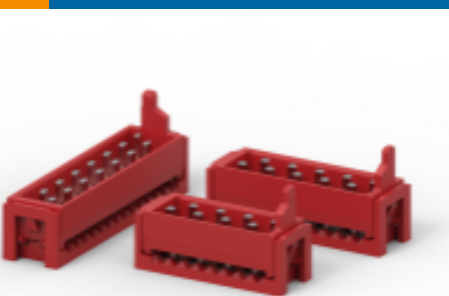


TE Part # 6060782-1
OSX RA CABLE PLUG

Customers Also Bought



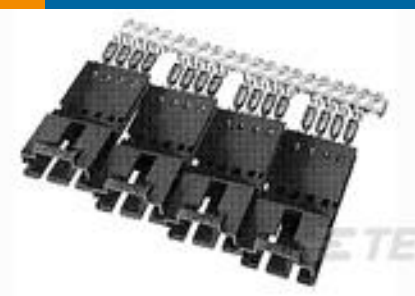
TE Part #1-1734248-0
1.0 FPC, ZIF V/T, SMT, 10P



TE Part #1-215083-4
MALE-ON-WIRE CONNECTOR



TE Part #1060904-1
MCX R/A PLUG CRIMP 5837 5010 10



TE Part #1-103945-1
2X12 MTE SHRD PIN SR LATCH.100



TE Part #1060888-1
5837 5002 10



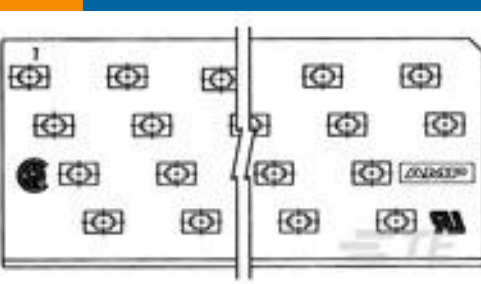
TE Part #1-1415898-1
PCB Power Relay: 16 Amp, Inrush



TE Part #1-1825910-4
FSM8JH=6MM TACT SWITCH, HIGH TEMP



TE Part #1-104361-1
12 MTE HDR SRRA LATCH W/HLDWN



TE Part #111359-5
26 PDL BRD COVER



TE Part #FAST-E08F-XA00A
MODULE ASSY

Documents



Product Drawings

MCX GE KU LEI

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_829559-2_M.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_829559-2_M.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_829559-2_M.3d_stp.zip

English

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

Datasheets & Catalog Pages

1307191 RF Coax Products Catalog

English