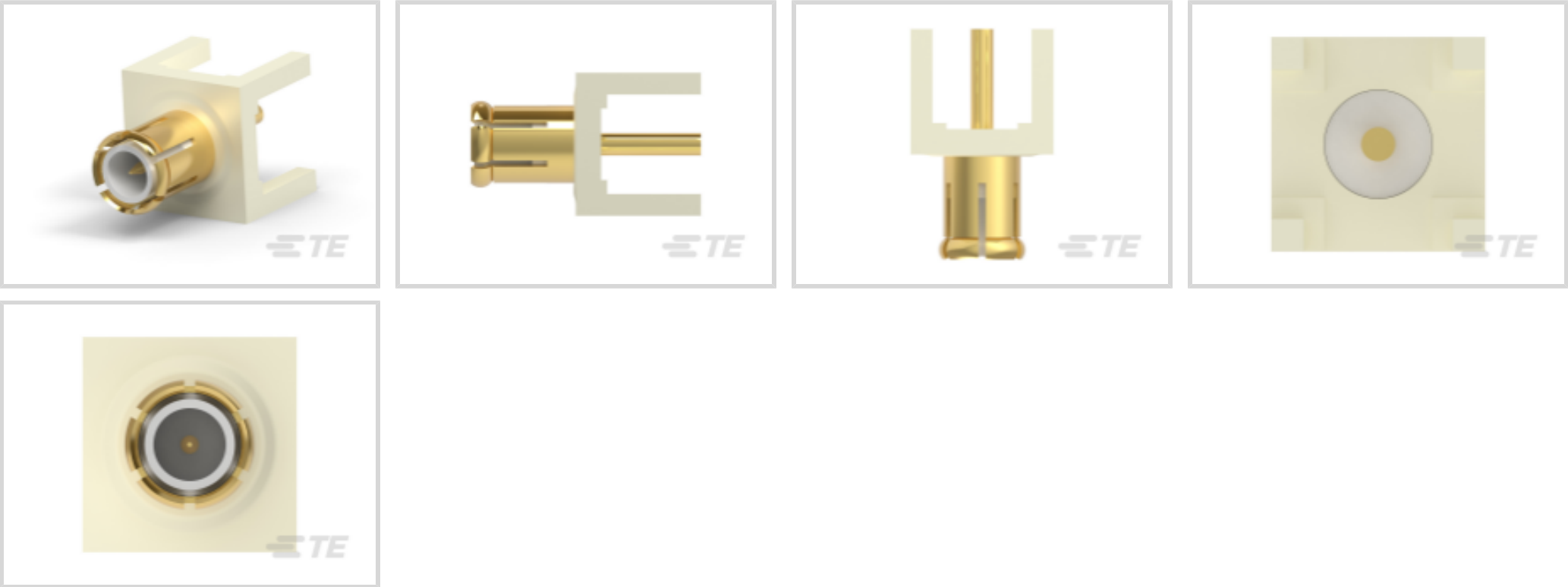




TE Internal #: 1061015-1
RF Connectors, MCX RF Interface, Plug, RF Connector Mated
Outer Diameter (Approximate) .149 in [3.78 mm], 50 Ω, Push-On,
4GHz Operating Frequency
[View on TE.com >](#)

Connectors > RF Coax Connectors > RF Connectors



RF Interface: MCX
RF Connector Style: Plug
RF Connector Mated Outer Diameter (Approximate): 3.78 mm [.149 in]
Impedance: 50 Ω
RF Connector Coupling Mechanism: Push-On

Features

Product Type Features

RF Interface	MCX
RF Connector Style	Plug
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 Shape	Circular
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Body Material	Brass
Body Material Finish	Plated
Body Plating Material	Nickel

Contact Features

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

Termination Features

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

Mechanical Attachment

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

Dimensions

Product Length	9.7 mm[.382 in]
RF Connector Mated Outer Diameter (Approximate)	3.78 mm[.149 in]
Height Above PC Board	5.76 mm[.227 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 Method	Carton
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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
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 # 1060891-1 5837 5003 10,OSX RA CABLE PLUG	 TE Part # 1060960-1 5858 0000 10	 TE Part # 1060883-1 5834 7388 10,OSX CABLE JACK	 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 # 1060772-2 5801 7947 09	 TE Part # 1060774-2 5802 7947 09



TE Part # 1060869-1
50 OHM,MCX CABLE PLUG (NICKEL)

TE Part # 1060871-1
50 OHM MCX CABLE PLUG (GOLD).

TE Part # 1060872-1
50 OHM MCX CABLE PLUG (NICKEL)

TE Part # 1082804-1
5807 7947 09

TE Part # 1330723-3
5837 5025 09

TE Part # 1362990-1
9631 7179 10,OSX, 75 OHM

TE Part # 1362991-1
9637 7179 10,75 OHM OSX

TE Part # 1363301-2
5837 5031 09

TE Part # 6060782-1
OSX RA CABLE PLUG

Customers Also Bought

TE Part #1060984-1
MCX Connector: Male (Jack), Vertical, 50 Ohm

TE Part #1623916-3
3203X 10K

TE Part #1734193-1
WTB Socket,Terminal 80u" Tin

TE Part #1-1734101-0
Champ050 series,100pos,Au over PdNi

TE Part #103906-4
05 MTE HDR SRRA LATCH .100CL

TE Part #104344-1
03 MODII HDR SRST B/A W/HLDWN

TE Part #796639-2
2POS 5.08MM CE R/A HDR, TRM BLK

TE Part #1-1625867-5
RP 1J 0.166W 1K24 0.1% 25PPM 1K RL



Documents

Product Drawings

5863 0000 10,OSX PCB PLUG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1061015-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1061015-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1061015-1_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

Product Environmental Compliance

Product Compliance

English

Product Compliance

English