# CONMCX003.062-L ✔ ACTIVE

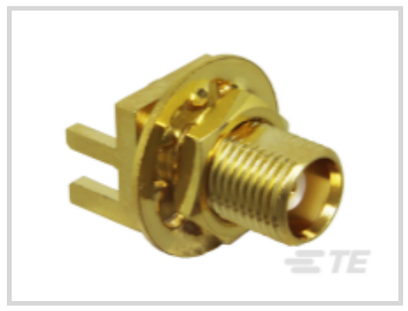
MCX

TE Internal #: L9000247-01

MCX Connector, Jack, 50 ohm, Snap-On, 6 GHz, 1 Position, Printed Circuit Board, Board Mount, -65 – 165 °C [-85 – 329 °F], Solder, Straight, Brass, MCX

View on TE.com >

Connectors > RF Connectors > Coax Connectors



RF Interface: **MCX**

RF Connector Style: **Jack**

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Snap-On**

Operating Frequency Range: **6 GHz**

## Features

### Product Type Features

| | |
|---|---|
| Connector Product Type | Connector Assembly |
| RF Interface | MCX |
| RF Connector Style | Jack |
| Sealable | No |
| Connector & Contact Terminates To | Printed Circuit Board |

### Configuration Features

| | |
|---|---|
| PCB Mount Orientation | Edge |
| Number of Positions | 1 |
| Number of Coaxial Contacts | 1 |

### Electrical Characteristics

| | |
|---|---|
| Impedance | 50 Ω |

### Body Features

| | |
|---|---|
| Body Material | Brass |
| Body Material Finish | Plated |
| Body Plating Material | Gold |

### Contact Features

| | |
|---|---|
| RF Connector Center Contact Plating Material | Gold (Au) |

| | |
|---|---|
| RF Connector Center Contact Material | Beryllium Copper |

### Termination Features

| | |
|---|---|
| Termination Method to Wire & Cable | Solder |

### Mechanical Attachment

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

### Housing Features

| | |
|---|---|
| Body Orientation | Straight |

### Usage Conditions

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

### Operation/Application

| | |
|---|---|
| Circuit Application | Signal |
| Operating Frequency Range | 6 GHz |

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 100 |
| Packaging Method | Bulk |

### Other

| | |
|---|---|
| Lockwasher Material | Brass |
| Dielectric Material | Polytetrafluoroethylene (PTFE) |

## 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 | Not Yet Reviewed |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量超出标准 Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JAN 2025 (247)<br>SVHC > Threshold:<br>Pb (4.45% in Component Part)<br>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 | Not reviewed for solder process capability |

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 # CONMCX012-R178
MCX Plug 50 Ohm Cable Crimp

## Also in the Series

## Customers Also Bought



TE Part #CONMCX001-SMD-T
MCX Jack 50 Ohm PCB Surface Mount



TE Part #CONMCX001
MCX Jack 50 Ohm PCB Through Hole



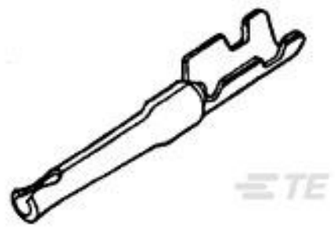
TE Part #ADP-SMAF-BNCM
SMA Jack to BNC Plug



TE Part #1-175196-3
DYNAMIC D-3 REC CONT/L PdNi & AU 0.76



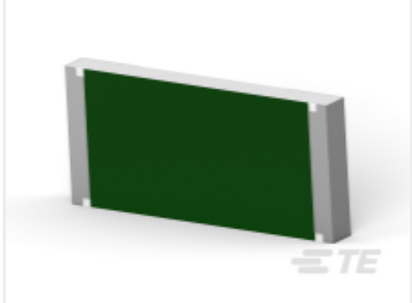
TE Part #1478762-9
METAL BACKSHELL 9 WAY TOP E



TE Part #1658686-4
SOCKET CONTACT,22 DF,LP,22-28



TE Part #2118706-2
1 PC STD SHIELD, CRS-13.66X12.70X2.54MM



TE Part #2-2176405-8
3550 47K 5%



TE Part #5226990-6
PCB-BNC RT ANGLE JACK W/O POST



TE Part #5227835-1
TNC PCB VERT JACK W/POST

## Documents

### CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_L9000247-01_C.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_L9000247-01_C.3d_stp.zip

English

Customer View Model
ENG_CVM_CVM_L9000247-01_C.2d_dxf.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

### Datasheets & Catalog Pages

MCX FEMALE EDGE MOUNT FOR 0.062 INCH THICK BOARD, EXTENDED

English