TE Internal #: CONMMCX011

MMCX RF Interface, Jack, 50 ohm, RG 174 / RG 188 / RG 316, Snap-

On, 6 GHz Operating Frequency, 1 Position, Wire & Cable, Cable

Mount (Free-Hanging)

View on TE.com >



#### Connectors > RF Connectors > Coax Connectors



RF Interface: MMCX

RF Connector Style: **Jack** 

Impedance:  $50 \Omega$ 

Compatible With RF Cable Type: RG 174, RG 188, RG 316

RF Connector Coupling Mechanism: Snap-On

## **Features**

#### **Product Type Features**

Product Type Features	
Connector Product Type	Connector Assembly
RF Interface	MMCX
RF Connector Style	Jack
Compatible With RF Cable Type	RG 174, RG 188, RG 316
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Number of Positions	1
Number of Coaxial Contacts	1
Electrical Characteristics	
Impedance	50 Ω
Body Features	
Cable Connector Orientation	Straight

**Body Material** 

Body Material Finish

Body Plating Material

Ferrule Plating Material	Gold	

Brass

Plated

Gold



Ferrule Material	Brass
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
RF Connector Coupling Mechanism	Snap-On
Connector Mounting Type	Cable Mount (Free-Hanging)
RF Contact Captivation Method	Mechanical
Detent	Without
Usage Conditions	
Operating Temperature Range	-65 – 165 °C[-85 – 329 °F]
Operation/Application	
Circuit Application	Signal
Operating Frequency	6 GHz
Packaging Features	
Packaging Quantity	100
Packaging Method	Bulk
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
EU ELV Directive 2000/53/EC	Not Yet Reviewed
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 2024 (241)  Candidate List Declared Against: JUNE 2024 (241)  SVHC > Threshold:  Pb (4.35% 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

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**

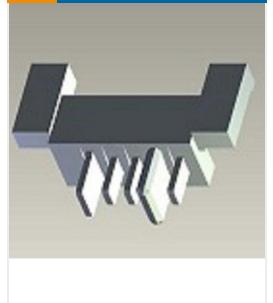


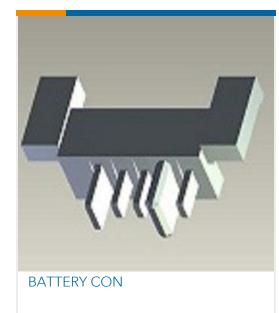
# **Customers Also Bought**





TE Part #T4130512021-000 M12,REAR MOUNT,MALE,D,2P, SOLDER WIRE













## **Documents**

### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_CONMMCX011\_C.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_CONMMCX011\_C.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_CONMMCX011\_C.3d\_stp.zip

English

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

## Datasheets & Catalog Pages

MMCX FEMALE CABLE END CRIMP FOR RG174 CABLE

English