CONMCX005-R178 ✔ ACTIVE

TE Internal #: CONMCX005-R178

MCX RF Interface, Jack, 50 Ω, RG 196 / RG 178, 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: **MCX**

RF Connector Style: **Jack**

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 178, RG 196**

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

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	MCX
RF Connector Style	Jack
Compatible With RF Cable Type	RG 178, RG 196
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	Brass
Body Material Finish	Plated
Body Plating Material	Gold

Contact Features

Ferrule Plating Material	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

Lockwasher Material	Brass
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

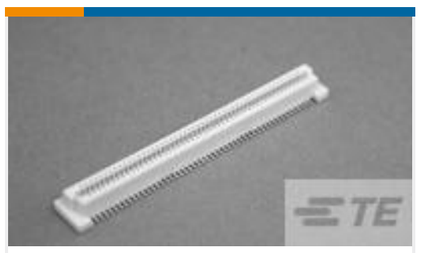
Product Compliance Disclaimer

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

TE Part # CONMCX012-R178
MCX Plug 50 Ohm Cable Crimp

Customers Also Bought

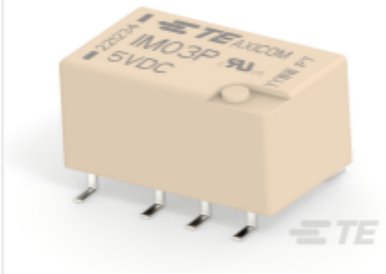


TE Part #5177983-8
0.8FH,R05H.5,160,08/Sn,TU

TE Part #5787962-1
.8MM CHAMP STACK RCPT ASSY

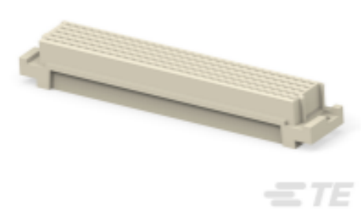
TE Part #3-1437559-4
MTL106D=(MSTL) SWITCH TOG LOCK

TE Part #5-5223961-1
TE UPM R/A Header 3P HC Power, LLL

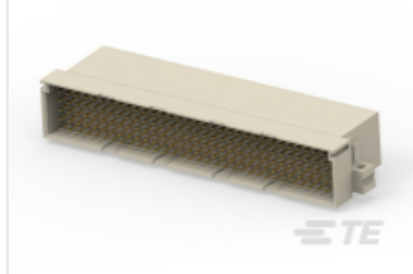


TE Part #5-1462039-5
IM03PGR=IM RELAY 140mW 5V

TE Part #7-2176416-3
9W STD M/OX 5% 51K



TE Part #024070-E
STVBUG E 160 CSI 172 9999 * J 4 24070 FE



TE Part #384299-E
STVE 160 M ABCDE VVVVV 4-00 0606 * * 247

TE Part #3-1393788-3
V23079B1201B301

Documents

CAD Files

Customer View Model
ENG_CVM_CVM_CONMCX005-R178_C.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_CONMCX005-R178_C.3d_stp.zip

English

3D PDF

3D

Customer View Model
ENG_CVM_CVM_CONMCX005-R178_C.2d_dxf.zip

English

Datasheets & Catalog Pages

MCX FEMALE BULKHEAD MOUNT CABLE END CRIMP FOR RG178 CABLE

English