

CONMCX001-SMD-T

✓ ACTIVE

MCX

TE Internal #: CONMCX001-SMD-T
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	Vertical
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 PCB	Surface Mount
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	750
Packaging Method	Tape & Reel

Other

Dielectric Material	Polytetrafluoroethylene (PTFE)
---------------------	--------------------------------

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # CCA-MCXF-152-RPSM

Cable MCX Jack RG174 152 RPS Plug Ni

TE Part # 2480655-1

MCX Plug to MCX Plug RA RG316 50 Ohm 6"

TE Part # 2480655-2

MCX Plug to MCX Plug RA RG316 50 Ohm 12"

Also in the Series

Customers Also Bought

TE Part #T4131512051-000

M12,REAR MOUNT,FEMALE,D,5P, SOLDER WIRE

TE Part #5-103765-3

03 MODII HD SRRA B/A .100CL,LF

TE Part #6-104069-2

24 sys 50 hdr drdra shrd sn

TE Part #2-487937-4

024 HOUSING FFC 50CL DR LATCH

CONMCX001-SMD-T

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



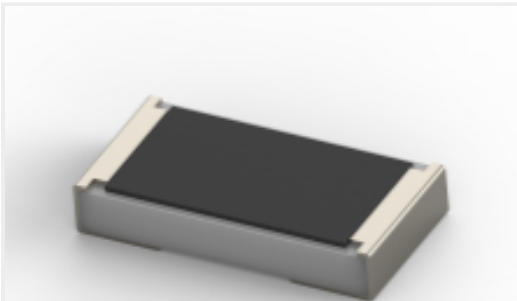
TE Part #6-534998-2
24 MODIV VRT DR CE 100/125



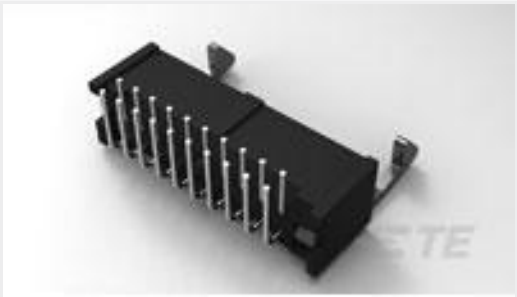
TE Part #6-534998-5
30 MODIV VRT DR CE 100/125



TE Part #6-1676481-5
CPF 0603 3K0 0.1% 25PPM 1K RL



TE Part #CAT-C339-A76B
SMD Power Resistor: 3 Watt, 1% Tol



TE Part #3-1761607-3
IDC LOW PRO HDR 40P RA LAT

Documents

Product Drawings

MCX Jack 50 Ohm PCB Surface Mount

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_CONMCX001-SMD-T_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_CONMCX001-SMD-T_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_CONMCX001-SMD-T_D.3d_stp.zip

English

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

Datasheets & Catalog Pages

MCX FEMALE PCB MOUNT SURFACE MOUNT

English