

CONMMCX001-SMD ✓ ACTIVE

TE Internal #: CONMMCX001-SMD

MMCX RF Interface, Jack, 50 ohm, Snap-On, 6 GHz Operating Frequency, 1 Position, Printed Circuit Board, Board Mount, -65 – 165 °C [-85 – 329 °F]

[View on TE.com >](#)



Connectors > RF Connectors > Coax Connectors



RF Interface: **MMCX**

RF Connector Style: **Jack**

Impedance: **50 Ω**

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

Operating Frequency: **6 GHz**

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| Connector Product Type | Connector Assembly |
| RF Interface | MMCX |
| 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

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|-----------------------------|----------|
| Cable Connector Orientation | Straight |
| Body Material | Brass |
| Body Material Finish | Plated |
| Body Plating Material | Gold |

Contact Features

| | |
|--|------|
| RF Connector Center Contact Plating Material | Gold |
|--|------|



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

Termination Features

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|---------------------------|---------------|
| Termination Method to PCB | Surface Mount |
|---------------------------|---------------|

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

Mechanical Attachment

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|---------------------------------|---------|
| RF Connector Coupling Mechanism | Snap-On |
|---------------------------------|---------|

| | |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
|-------------------------|-------------|

| | |
|-------------------------------|------------|
| 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 |
|--------------------|-----|

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|------------------|------|
| Packaging Method | Bulk |
|------------------|------|

Other

| | |
|---------------------|------|
| Dielectric Material | PTFE |
|---------------------|------|

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 | No 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) Does not contain REACH SVHC |
|--|---|

| | |
|-----------------|---|
| Halogen Content | Low Halogen - Br, Cl, F, I < 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 # CONMMCX012-R178
MMCX Jack 50 Ohm Cable Crimp



TE Part # CSA-SAFB-80-MMMR
Cable SMA Jack RG174 80 MMCX RA Plug

Customers Also Bought



TE Part # 3-643815-4
04P MTA100 CONN ASSY POL RIB



TE Part # MS5837-02BA01-50
MS5837-02BA01 2BA T&R PRESSURE SEN



TE Part # 5787745-2
USB A R/A STAK ASSY THRU HOLE



TE Part # 5569381-1
STK MJ ASSY,8POS,2X1,SHLD,CAT5



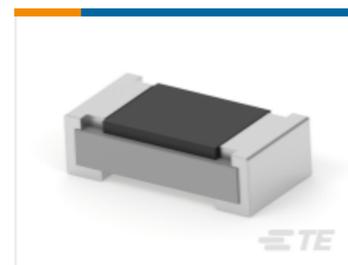
TE Part # 8-1614882-7
CPF 0603 6R8 0.1% 25PPM 1K RL



TE Part # 3-826629-6
1X36 POS AMPMODU II HEADER



TE Part # 1879252-8
RP 2B 4R99 0.1% 15PPM 1K RL



TE Part # 6-2176237-9
CPF A 0603 330K 0.1% 25PPM 5K RL



Documents

Product Drawings

[MMCX Jack 50 Ohm PCB Surface Mount](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_CONMMCX001-SMD_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_CONMMCX001-SMD_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_CONMMCX001-SMD_F.3d_stp.zip](#)

English

3D PDF

3D

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

Datasheets & Catalog Pages

[MMCX FEMALE SURFACE MOUNT](#)

English