



TE Internal #: 6-1460820-2
 RF Connectors, MMCX RF Interface, Jack, 50 Ω, Snap-On, 6 GHz
 Operating Frequency, Cable-to-Board, 1 Position, Printed Circuit
 Board, Board Mount

[View on TE.com >](#)

Connectors > RF Coax Connectors > RF 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

| | |
|-----------------------------------|-----------------------|
| RF Interface | MMCX |
| RF Connector Style | Jack |
| Connector System | Cable-to-Board |
| Sealable | No |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|----------------------------|-------------|
| PCB Mount Orientation | Right Angle |
| Number of Positions | 1 |
| Number of Coaxial Contacts | 1 |

Electrical Characteristics

| | |
|-----------|------|
| Impedance | 50 Ω |
|-----------|------|

Body Features

| | |
|----------------------|-------------|
| Body Material | Copper Zinc |
| Body Material Finish | Plated |



| | |
|-----------------------|------|
| Body Plating Material | Gold |
|-----------------------|------|

Contact Features

| | |
|---------------------------------------------------|--------|
| RF Connector Center Contact Underplating Material | Nickel |
|---------------------------------------------------|--------|

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

Termination Features

| | |
|---------------------------------------------|---------------|
| Termination Method to Printed Circuit Board | Surface Mount |
|---------------------------------------------|---------------|

Mechanical Attachment

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

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

| | |
|--------|---------|
| Detent | Without |
|--------|---------|

Dimensions

| | |
|-------------------------|-------------------|
| Profile Height from PCB | 5.05 mm [.198 in] |
|-------------------------|-------------------|

Usage Conditions

| | |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -55 – 155 °C [-67 – 311 °F] |
|-----------------------------|-----------------------------|

Operation/Application

| | |
|---------------------|-------|
| Operating Frequency | 6 GHz |
|---------------------|-------|

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 1500 |
|--------------------|------|

| | |
|------------------|-------------------|
| Packaging Method | Reel, Tape & Reel |
|------------------|-------------------|

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

| | |
|------------------------------|---------------------------|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
|------------------------------|---------------------------|

| | |
|-----------------------------|---------------------------|
| EU ELV Directive 2000/53/EC | Compliant with Exemptions |
|-----------------------------|---------------------------|

| | |
|-----------------------------------------------|--------------------------------------|
| 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 2022 (224) |
|----------------------------------------|----------------------------------------------|

Candidate List Declared Against: JUNE 2022 (224)

SVHC > Threshold:

Pb (3.5% 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 Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC |
|-----------------|--------------------------------------------------------------------------------|

Free

Solder Process Capability

Reflow solder capable to 260°C

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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



Documents

Product Drawings

[V23608A1227B 2=MMCX SMD Jack Lead-fr](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_6-1460820-2_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6-1460820-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6-1460820-2_A.3d_stp.zip](#)

English

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

Product Specifications



Application Specification

English

Product Environmental Compliance

TE Material Declaration

English