



L

TE Part # 6-1460820-1

TE Internal #: 6-1460820-1

[View on TE.com >](#)

Connectors > RF & Coax Connectors > RF Connectors



RF Interface: **MMCX**

RF Connector Style: **Jack**

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Threaded**

Port Configuration: **Single Port**

## 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

Port Configuration	Single Port
Number of Positions	1
PCB Mount Orientation	Vertical
Number of Coaxial Contacts	1

### Electrical Characteristics

Impedance	50 Ω
-----------	------

### Body Features

Body Material	Copper Zinc
Body Finish	Plated



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

### Termination Features

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

### Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
---------------------------------	----------

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

Detent	Without
--------	---------

### Dimensions

Height Above PC Board	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>](#)

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: JAN 2019 (197) Candidate List Declared Against: JUN 2018 (191)
--	--

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

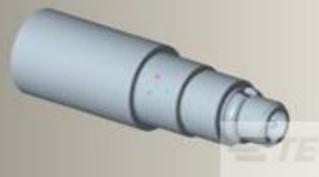


limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration 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 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 # 1408496-1  
 MMCX STRAIGHT PCB  
 PLUG



TE Part # 1408312-2  
 MMCX STRAIGHT CABLE  
 PLUNG - CR



TE Part # 1408314-1  
 MMCX RIGHT ANGLE  
 PLUG, SEMI-RI



TE Part # 1408149-1  
 MMCX RT ANGLE PLUG -  
 CRIMP ATT



TE Part # 1408148-1  
 MMCX STRAIGHT CABLE  
 PLUG\_ - CRI



TE Part # 1408313-1  
 MMCX STRAIGHT PLUG,  
 SEMI-RIGID



TE Part # 1408149-3  
 MMCX RT ANGLE PLUG -  
 CRIMP ATT



TE Part # 1408149-2  
 MMCX RT ANGLE PLUG -  
 CRIMP ATT

## Also in the Series | L



Card Edge Power  
 Connectors(59)



Power Contacts(2)



RF Connectors(7)



RJ45 Connectors(3)



Standard Edge Connectors  
(5)

## Customers Also Bought



TE Part #5750071-1  
Mini DIN, 6 pos, R/A,  
Shield



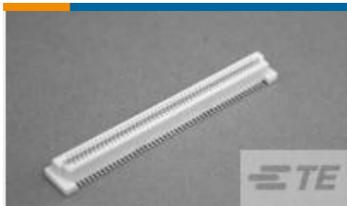
TE Part #5179031-1  
0.8FH,P08H.5,040,08/Sn,TU



TE Part #825433-2  
MOD 2 PINHDR 1X2 P.



TE Part #1-5177986-1  
0.8FH,P06H.5,040,08/Sn,TR,  
SC



TE Part #5177985-1  
0.8FH,R05H.5,040,08/Sn,  
TR,SC



TE Part #1-1634009-0  
MMCX Str PCB Skt 50Ohm  
Gold Pl



TE Part #1676150-2  
RN 0805 10K2 0.1% 10PPM  
1KRL



TE Part #1-1337582-0  
MCX SMT Skt 50Ohm  
Gold Pltd



TE Part #6-1460820-2  
V23608A1227B 2=MMCX  
SMD Jack Lead-fr



TE Part #6116353-4  
INV MJ,1X2,PNL GRD,LED  
(Y/G)

## Documents

### Product Drawings

V23608A1027B 2=SMD Jack L-Fr

English

### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_6-1460820-1\_A.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_6-1460820-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_6-1460820-1\\_A.3d\\_stp.zip](#)

English

---

**Product Environmental Compliance**

[REACH Substance Communication Document](#)

English