



SMA

TE Internal #: L9000279-01

SMA Connector, Jack, 50 ohm, Threaded, 18 GHz, 1 Position, Printed Circuit Board, Board Mount, -65 – 165 °C [-85 – 329 °F], Solder, Straight, SMA

[View on TE.com >](#)

Connectors > RF Connectors > Coax Connectors



RF Interface: **SMA**

RF Connector Style: **Jack**

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Threaded**

Operating Frequency Range: **18 GHz**

**Features**

**Product Type Features**

Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Jack
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

**Configuration Features**

PCB Mount Orientation	Edge
Number of Positions	1
Number of Coaxial Contacts	1

**Electrical Characteristics**

Impedance	50 Ω
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**Body Features**

Body Material	Brass
Body Material Finish	Plated
Body Plating Material	Gold

**Contact Features**

RF Connector Center Contact Plating Material	Gold (Au)
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RF Connector Center Contact Material

Beryllium Copper

**Termination Features**

Termination Method to Wire & Cable

Solder

**Mechanical Attachment**

RF Connector Coupling Mechanism

Threaded

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

18 GHz

**Packaging Features**

Packaging Quantity

100

Packaging Method

Tray

**Other**

Dielectric Material

Polytetrafluoroethylene (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 2025 (250)

Candidate List Declared Against: JUNE 2025 (250)

SVHC > Threshold:

Pb (3.53% in M-42278-1)

**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

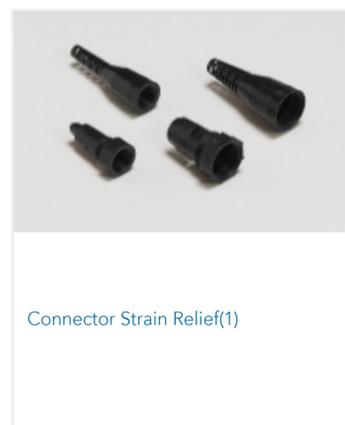
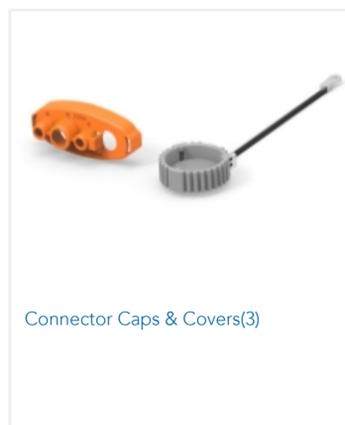
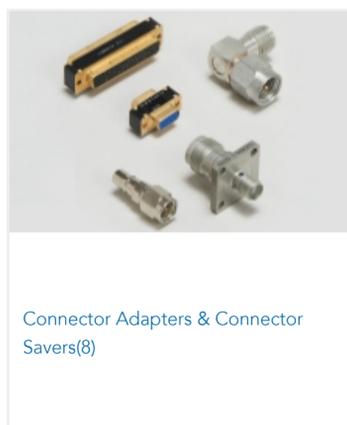
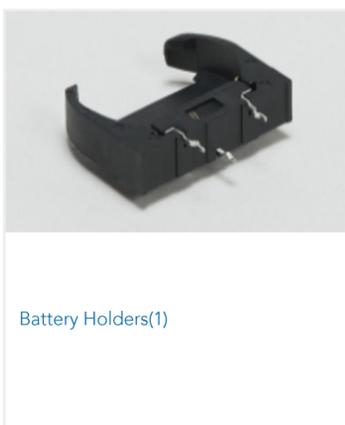
Product Compliance Disclaimer

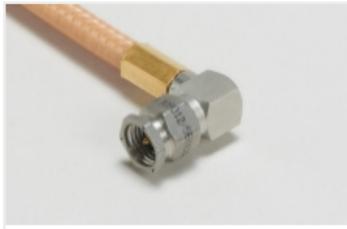
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



### Also in the Series | SMA





RF Cable Assemblies(119)

## Customers Also Bought



## Documents

### Product Drawings

[SMA Jack 50 Ohm .062 PCB Edge Mount](#)

English

### CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_L9000279-01\\_A.3d\\_stp.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_L9000279-01\\_A.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_L9000279-01\\_A.3d\\_igs.zip](#)

English

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

### Datasheets & Catalog Pages

[SMA MALE EDGE MOUNT FOR 0.062 INCH BOARD, GOLD](#)

English