

1-1478963-0 ✓ ACTIVE

AMP | SMA

TE Internal #: 1-1478963-0

SMA Connector, Jack, 50 ohm, Threaded, 27 GHz, Cable-to-Panel,

1 Position, Panel Mount, -65 – 165 °C [-85 – 329 °F], Solder

Terminal, Straight, SMA

[View on TE.com >](#)



Connectors > RF Connectors > Coax Connectors



RF Interface: **SMA**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **6.35 mm [ .25 in ]**

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Threaded**

## Features

### Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Jack
Connector System	Cable-to-Panel
Sealable	No

### Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

### Electrical Characteristics

Impedance	50 Ω
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### Body Features

Body Material	Stainless Steel
Body Material Finish	Plated
Body Plating Material	Gold

### Contact Features

RF Connector Contact Configuration	Captivated
RF Connector Center Contact Underplating Material	Copper
RF Connector Center Contact Plating Thickness	.76 µm
RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Beryllium Copper

### Termination Features

Termination Method to Wire & Cable	Solder Terminal
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### Mechanical Attachment

Panel Attachment Style	Front Mount, Rear Mount
Panel Mount Feature Type	Flange
RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Solder
Detent	Without

### Housing Features

Body Orientation	Straight
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### Dimensions

Product Length	14.4 mm[.567 in]
RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]

### Usage Conditions

Operating Temperature Range	-65 – 165 °C[-85 – 329 °F]
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### Operation/Application

Operating Frequency Range	27 GHz
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### Packaging Features

Packaging Quantity	100
Packaging Method	Bag

### Other

Grade	Professional
Number of Panel Mounting Holes	2
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	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 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 Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

### Product Compliance Disclaimer

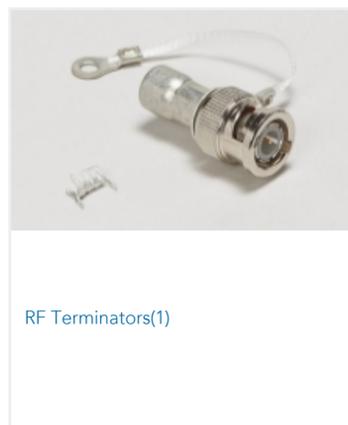
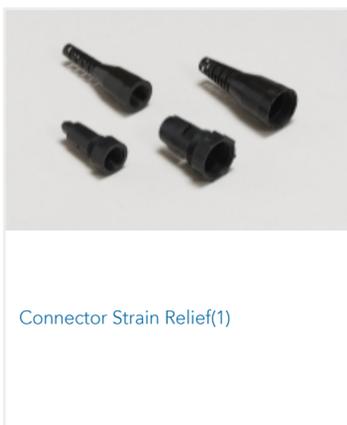
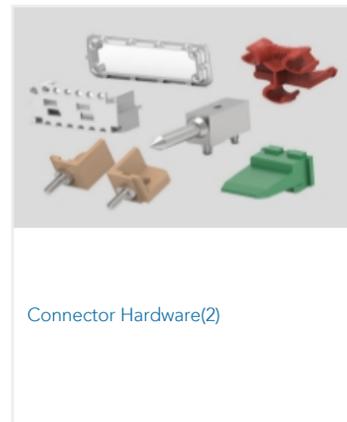
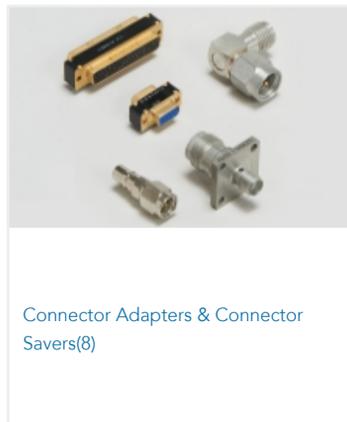
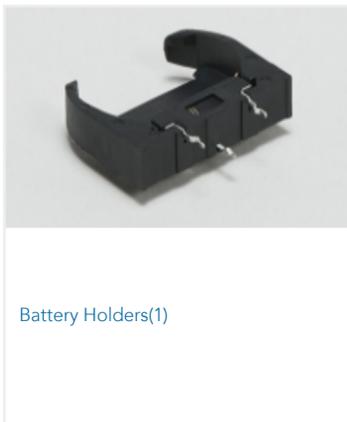
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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





### Also in the Series | SMA



### Customers Also Bought





## Documents

### Product Drawings

[SMA PNL SKT RCPT, 2/FLNG GSS](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1478963-0\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1478963-0\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1478963-0\\_A.3d\\_stp.zip](#)

English

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

### Product Specifications

[Product Specification](#)

English