

1053372-1 ✓ ACTIVE

[AMP](#) | [AMP SMA](#)

TE Internal #: 1053372-1

RF Connectors, SMA RF Interface, Jack, 50 Ω , Threaded, 18 GHz

Operating Frequency, 1 Position, Printed Circuit Board, Board

Mount, AMP SMA

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[Connectors](#) > [RF Coax Connectors](#) > [RF Connectors](#)



RF Interface: **SMA**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **8.99 mm [.354 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 & 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

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

Contact Features

| | |
|---|---------------------|
| RF Connector Center Contact Underplating Material | Copper, Nickel |
| RF Connector Contact Configuration | Captivated Contacts |
| RF Connector Center Contact Plating Material | Gold |



RF Connector Center Contact Material

Beryllium Copper

Termination Features

Termination Post & Tail Length

3.9 mm[.155 in]

Termination Method to Printed Circuit Board

Through Hole - Solder

Mechanical Attachment

RF Connector Coupling Mechanism

Threaded

Connector Mounting Type

Board Mount

RF Contact Captivation Method

Mechanical

Dimensions

Profile Height from PCB

9.5 mm[.375 in]

Product Length

9.53 mm[.375 in]

RF Connector Mated Outer Diameter (Approximate)

8.99 mm[.354 in]

Usage Conditions

Operating Temperature Range

-65 – 125 °C[-85 – 257 °F]

Operation/Application

Operating Frequency

18 GHz

Packaging Features

Packaging Method

Package

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 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: JAN 2021
(211)

SVHC > Threshold:

Pb (.6% 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.

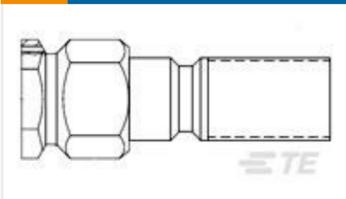
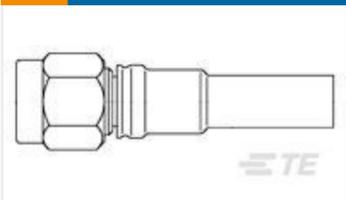
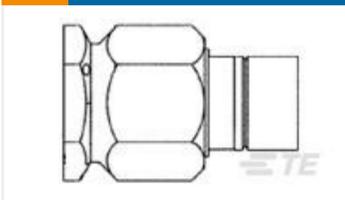
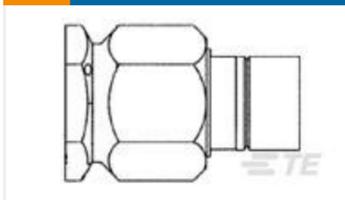
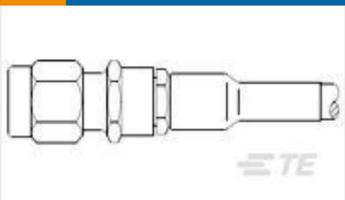
| | |
|-----------------|--|
| Halogen Content | Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free |
|-----------------|--|

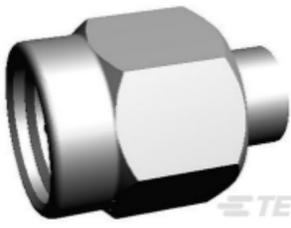
| | |
|---------------------------|------------------------------|
| Solder Process Capability | Wave solder capable to 265°C |
|---------------------------|------------------------------|

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

| | | | |
|--|---|--|--|
|  <p>TE Part # 1050776-1 2001 8002 92</p> |  <p>TE Part # 1051788-1 SMA CABLE PLUG 2031 8052 92</p> |  <p>TE Part # 1052173-1 2037 8026 92</p> |  <p>TE Part # 1052178-1 SMA RIGHT ANGLE CABLE PLUG 2037 8052 92</p> |
|  <p>TE Part # 1050609-1 SMA Cable Plug 2001 5431 02</p> |  <p>TE Part # 1063265-1 SCD 2031 5156 29</p> |  <p>TE Part # 1050801-1 2001 8308 92</p> |  <p>TE Part # 1050805-1 2001 8901 92</p> |
|  <p>TE Part # 1051686-1 2031 5102 00</p> |  <p>TE Part # 1052080-2 2037 5009 00</p> |  <p>TE Part # 1663515-1 SMA STR CABLE PLUG 2031 5003 66</p> |  <p>TE Part # 1051177-1 SMA R/A Cable Plug 2007 8107 92</p> |



TE Part # 1050605-1
SMA Cable Plug 2001 5397 02



TE Part # 1050774-1
2001 8001 92



TE Part # 1050783-1
2001 8008 92,SMA CABLE PLUG



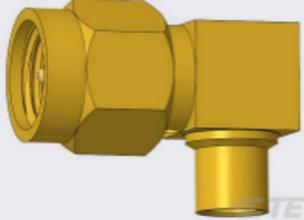
TE Part # 1050785-1
SMA Cable Plug 2001 8101 92



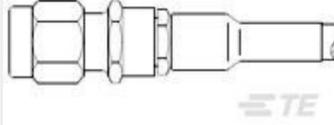
TE Part # 1050791-1
2001 8201 92



TE Part # 1051171-1
2007 8101 92



TE Part # 1051178-1
SMA R/A Cable Plug 2007 8108 92



TE Part # 1051757-1
2031 8006 92

Also in the Series | AMP SMA



Battery Holders(1)



Between Series Adapters(1)



Coax Terminators(1)



In-Series Adapters(11)



Rack & Panel Ferrules & Inserts(1)



RF Cable Assemblies(2)



RF Connector Hardware(2)



RF Connector Launchers(8)



RF Connector Shrouds(3)



RF Connectors(297)

Documents



Product Drawings

[2062 8001 90,OSM JACK, QPL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1053372-1_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1053372-1_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1053372-1_F.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Products for Aerospace and Defense](#)

English