

1052552-1 ✓ ACTIVE

## AMP SMA

TE Internal #: 1052552-1

SMA RF Interface, Jack, 50  $\Omega$ , Threaded, 18 GHz Operating Frequency, Cable-to-Panel, 1 Position, Panel Mount, -65 – 125 °C [-85 – 257 °F], AMP 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  $\Omega$**

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 $\Omega$
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### Body Features

Cable Connector Orientation	Straight
Body Material	Stainless Steel
Body Material Finish	Passivated



Body Plating Material	Gold
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### Contact Features

RF Connector Center Contact Underplating Material	Copper
RF Connector Contact Configuration	Captivated Contacts
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

### Termination Features

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

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

### Dimensions

Product Length	27.41 mm[1.079 in]
RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]

### Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
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### Operation/Application

Operating Frequency	18 GHz
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### Packaging Features

Packaging Method	Bag
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### Other

Number of Panel Mounting Holes	2
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
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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 2023 (235)

Candidate List Declared Against: JAN 2022 (223)

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

Pin-in-Paste 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



TE Part # 1050548-1  
2001 5032 02



TE Part # 1050524-1  
2001 5003 00,SMA CABLE PLUG



TE Part # 1050859-1  
2002 5016 00



TE Part # 1052098-1  
2037 5100 02



TE Part # 1-1337431-0  
BNC Str Plg Hex 75Ohm Nickel Pltd  
RG179B



TE Part # 1050720-1  
2001 7188 00



TE Part # 1050602-1  
2001 5395 02



TE Part # 1050547-1  
2001 5032 00



TE Part # 6274096-1  
JACK ASSEMBLY, ACTION PIN, SMA



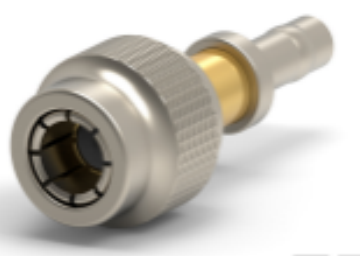
TE Part # 1050525-1  
2001 5003 02,SMA CABLE PLUG



TE Part # 2081005-1  
ASSY. SMA JACK PCB EDGE MOUNT



TE Part # 1-1337433-0  
BNC RM BJJ Hex 50Ohm Nickel Pltd RG58C/U



TE Part # 1408541-1  
PUSH ON SMA CABLE PLUG



TE Part # 1-1478907-0  
SMA STR PLG S/CLMP RG58 GSS



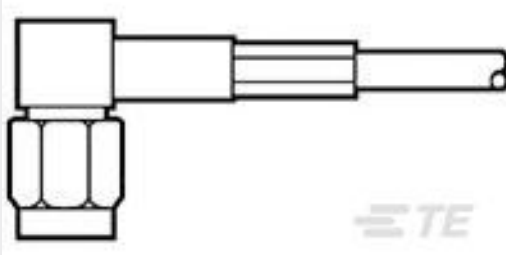
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SMA STR PLG S/CLMP RG174 GSS



TE Part # 1-1478912-0  
SMA R/A PLG S/CLMP RG174 GSS



TE Part # 1053265-1  
2058 5329 02



TE Part # 1-447651-0  
PLUG R/A,SMA,HEX CRIMP COMM




TE Part # 1050999-3  
SMA S/T JACK RG195 CABLE, CRIMP END




TE Part # 1051933-3  
OSM STRAIGHT JACK


Also in the Series | AMP SMA




Battery Holders(1)




Coax Connectors(295)



Connector Caps & Covers(3)




Connector Savers & Adapters(12)




Rack & Panel Ferrules & Inserts(1)



RF Cable Assemblies(2)



RF Connector Hardware(2)



RF Connector Launchers(8)





RF Terminators(1)

## Customers Also Bought



TE Part #3-2176231-2  
3522 200R 1% 3W



TE Part #6609047-5  
20VT1 J0=F7814



TE Part #6-1879234-3  
SMF5 200K 5%



TE Part #1053635-1  
2081 0000 02



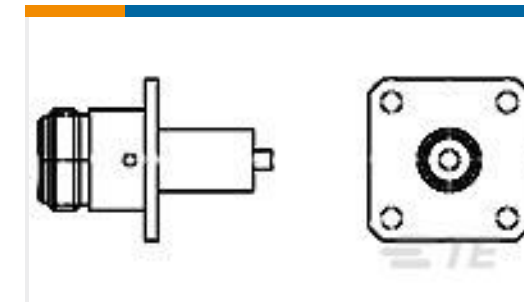
TE Part #33695  
TERMINAL,BUDG R 26-22 2



TE Part #6609125-1  
6J4 M0=F7657



TE Part #1052689-1  
2052 3502 02,SMA JACK RECPT



TE Part #1057290-1  
3052 1201 10,N SERIES FM PLUG



TE Part #YDIV43E11-05PNC009  
RECP ASSY



TE Part #AAE6045-00  
PRC3181-14-1-B-NK4-14-EPDM

## Documents

### Product Drawings

[2052 1352 02,SMA FM JACK RECPT](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1052552-1\\_A.2d\\_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1052552-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1052552-1\\_A.3d\\_stp.zip](#)

English

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

## Datasheets & Catalog Pages

[SMA Connectors](#)

English