

Connectors > RF Connectors > Coax Connectors



RF Interface: **SMA**

RF Connector Style: **Plug**

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

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 405**

## Features

### Product Type Features

Connector Seal & Plug Type	Gasket
Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Plug
Compatible With RF Cable Type	RG 405
Connector System	Cable-to-Board
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

### Electrical Characteristics

Impedance	50 Ω
-----------	------

### Body Features

Body Material	Stainless Steel
---------------	-----------------

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

### Contact Features

RF Connector Contact Configuration	Not Captivated
------------------------------------	----------------

RF Connector Center Contact Underplating Material	Copper
---	--------

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

RF Connector Center Contact Material	Brass
--------------------------------------	-------

### Termination Features

Termination Method to Wire & Cable	Solder
------------------------------------	--------

### Mechanical Attachment

RF Connector Coupling Mechanism	Screw
---------------------------------	-------

Connector Mounting Type	Panel Mount
-------------------------	-------------

RF Contact Captivation Method	Mechanical
-------------------------------	------------

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

### Housing Features

Body Orientation	Straight
------------------	----------

### Dimensions

Product Length	11.2 mm[.442 in]
----------------	------------------

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

### Usage Conditions

Operating Temperature Range	-65 – 165 °C[-85 – 329 °F]
-----------------------------	----------------------------

### Operation/Application

Operating Frequency Range	18 GHz
---------------------------	--------

### Packaging Features

Packaging Quantity	100
--------------------	-----

Packaging Method	Bag
------------------	-----

### Other

Coupling Nut Plating Material	Gold
-------------------------------	------

Gasket Material	Silicone Rubber
-----------------	-----------------

Grade	Professional
-------	--------------

Coupling Nut Base Material	Stainless Steel
----------------------------	-----------------

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 2024 (241) SVHC > Threshold: Pb (4.75% in Component Part) <b>Article Safe Usage Statements:</b> 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>

## Also in the Series | SMA



Coin Cell Battery Holders(1)



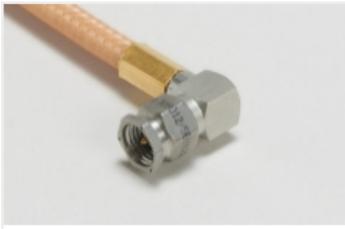
Connector Adapters & Connector Savers(8)



Connector Caps & Covers(3)



Connector Strain Relief(1)



RF Cable Assemblies(121)

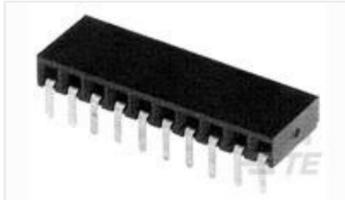
### Customers Also Bought



TE Part #5052942064  
RNF-100-3/32-0-STK



TE Part #103309-1  
010 LOPRO HDR SP 30DP



TE Part #216602-3  
HV190 REC ASSY 1X 3P



TE Part #640385-6  
06P MTA156 HDR ASSY SQ R/A



TE Part #1-1423008-2  
T92P7A52-240



TE Part #1622349-1  
LR1 1% 1K0



TE Part #1622406-1  
LR1 1% 270R



TE Part #1622820-2  
3520 100R 5%



TE Part #1742841-1  
187 FASTON,REC.,20-16 AWG,NPST



TE Part #1-2176157-6  
TLM 2010 0.75W R012 1% 100PPM 4K RL

### Documents

#### Product Drawings

[SMA STR PLG DS RG405 GSS](#)

English

#### CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1-1478904-0\\_A2.2d\\_dxf.zip](#)



English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1478904-0\\_A2.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1478904-0\\_A2.3d\\_stp.zip](#)

English

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

### Product Specifications

[Product specification for SMA connectors with semi rigid cable](#)

English

[Product Specification](#)

English