



Connectors > RF Coax Connectors > RF Connectors



RF Interface: **SMA**

RF Connector Style: **Jack**

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

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 174, RG 179, RG 187, RG 188, RG 316**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Jack
Compatible With RF Cable Type	RG 174, RG 179, RG 187, RG 188, RG 316
Connector System	Cable-to-Cable
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector Seal Type	Gasket

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
-----------	------

Body Features

--	--



Cable Connector Orientation	Straight
Body Material	Stainless Steel
Body Plating Material	Gold

Contact Features

RF Connector Center Contact Underplating Material	Copper, Nickel
RF Connector Contact Configuration	Captivated Contacts
Ferrule Plating Material	Gold over Copper
Ferrule Material	Brass
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Wire & Cable	Clamp
------------------------------------	-------

Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
RF Contact Captivation Method	Mechanical
Detent	Without

Dimensions

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

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
-----------------------------	---------------------------

Operation/Application

Operating Frequency	12.4 GHz
---------------------	----------

Packaging Features

Packaging Method	Carton
------------------	--------

Other

Lockwasher Plating Material	Gold over Copper
Lockwasher Material	Phosphor Bronze
Additional Features	Shrink Tubing
Dielectric Material	TFE Fluorocarbon

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	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2019 (197) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Not applicable 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 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 # 1051644-1
2031 5003 02



TE Part # 1055070-1
2088 1230 02



TE Part # 1054874-1
2084 1100 00



TE Part # 221789-1
JACK,PCB,SERIES SMA



TE Part # 1052566-1
2052 1618 02,SMA FM JACK RECPT



TE Part # 1054426-1
2082 5133 02

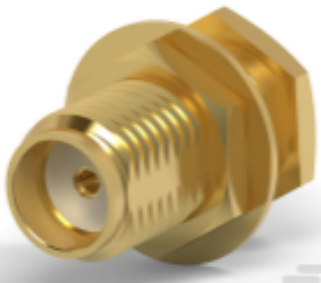


TE Part # 221790-1
JACK,RIGHT ANGLE,PCB,SMA



TE Part # 1054868-1
2084 0000 00

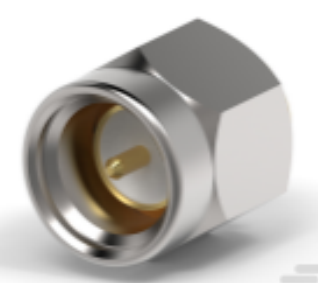




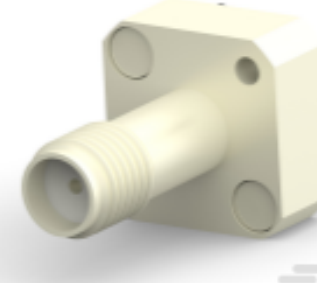
TE Part # 1053072-1
2056 0000 00



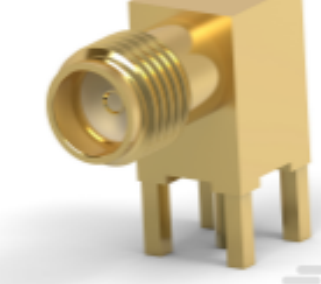
TE Part # 1050547-1
2001 5032 00



TE Part # 1050548-1
2001 5032 02



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



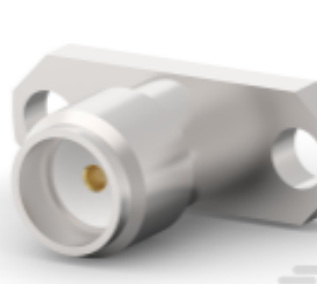
TE Part # 1053378-1
2064 0000 00



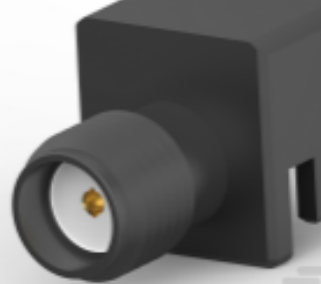
TE Part # 1056443-1
2831 7388 02



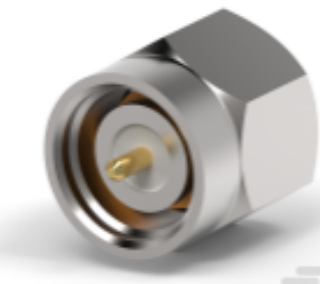
TE Part # 1050525-1
2001 5003 02,SMA CABLE PLUG



TE Part # 1052639-1
2052 3357 02



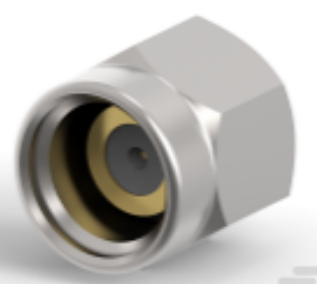
TE Part # 2081005-1
ASSY. SMA JACK PCB EDGE MOUNT



TE Part # 1050611-1
2001 5443 02



TE Part # 1050740-1
2001 7641 02



TE Part # 1050770-1
2001 7985 02,SMA CABLE PLUG

Also in the Series | AMP SMA



Battery Holders(1)



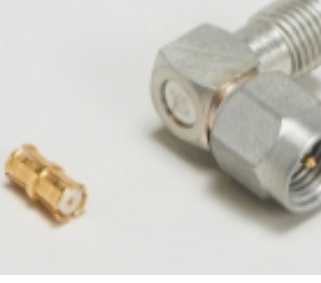
Between Series Adapters(3)



Coax Contacts(1)



Coax Terminators(1)



In-Series Adapters(35)



Rack & Panel Ferrules & Inserts(1)



RF Cable Assemblies(2)



RF Connector Hardware(2)



RF Connector Launchers(13)



RF Connector Shrouds(10)



RF Connectors(527)

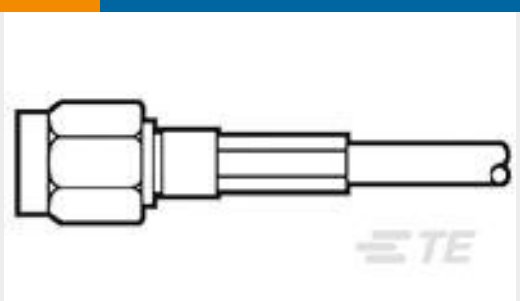
Customers Also Bought



TE Part #104257-9
10 MTE RCPT HSG SR LATCH .100



TE Part #1051114-1
2007 5055 02,OSM CABLE PLUG



TE Part #1051650-1
2031 5005 00



TE Part #YDTS26W11-35PNV001
D38999: Straight Plug, 11-35 Insert



TE Part #1057631-1
3101 7941 00



TE Part #1060778-1
5807 5001 09



TE Part #1056462-1
2837 7388 02



TE Part #1052071-1
2037 5007 00,SMA RA CABLE PLUG



TE Part #1052075-1
2037 5008 00,SMA RA CABLE PLUG



TE Part #109029-ZZ
CONT SOC ASSY

Documents

Product Drawings

2034 5005 00

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1051933-1_C.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1051933-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1051933-1_C.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 flexible cable](#)

English

Product Specification

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English