



Connectors > RF Coax Connectors > RF 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 402**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Plug
Compatible With RF Cable Type	RG 402
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
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Body Features

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Cable Connector Orientation	Right Angle
Body Material	Stainless Steel
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 Method to Wire & Cable	Solder
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Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Cable Mount (Free-Hanging)
RF Contact Captivation Method	Epoxy
Detent	Without

Dimensions

Product Length	17.15 mm[.675 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	12 GHz
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Packaging Features

Packaging Method	Bag
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Other

Coupling Nut Plating Finish	Passivated
Coupling Nut Base Material	Stainless Steel
Dielectric Material	PTFE

Product Compliance

For compliance documentation, visit the product page on 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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (3.7% 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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # 1057341-1
3080 2240 00



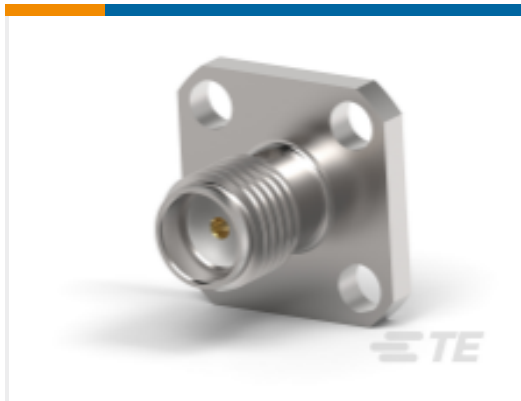
TE Part # 1055070-1
2088 1230 02



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 # 1053221-1
2058 5029 00



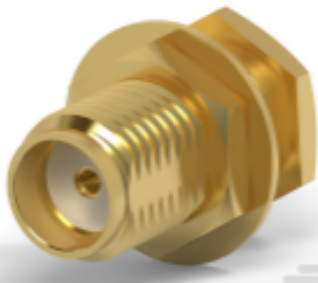
TE Part # 1054426-1
2082 5133 02



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



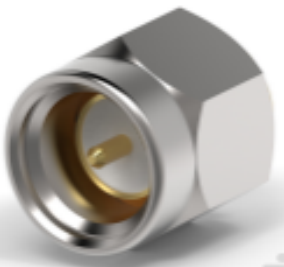
TE Part # 1054868-1
2084 0000 00



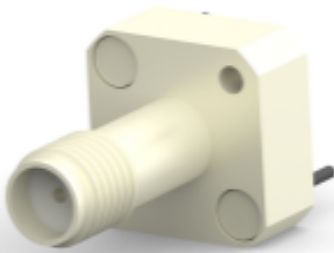
TE Part # 1053072-1
2056 0000 00



TE Part # 1050547-1
2001 5032 00



TE Part # 1050548-1
2001 5032 02



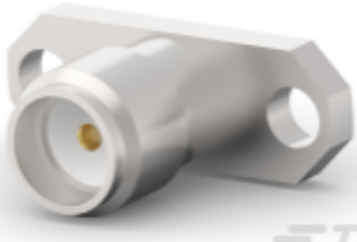
TE Part # 6274096-1
JACK ASSEMBLY, ACTION PIN, SMA



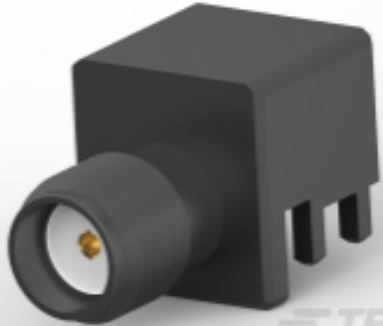
TE Part # 1053378-1
2064 0000 00



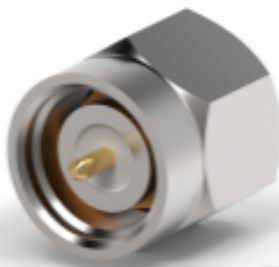
TE Part # 1050525-1
2001 5003 02,SMA CABLE PLUG



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

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 #1050548-1
2001 5032 02



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



TE Part #1051018-1
2004 7985 00



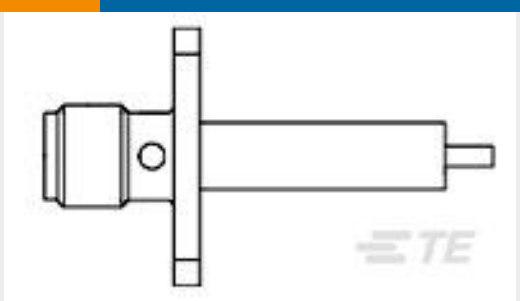
TE Part #1050854-1
2002 5015 00



TE Part #1051639-1
2031 5002 02



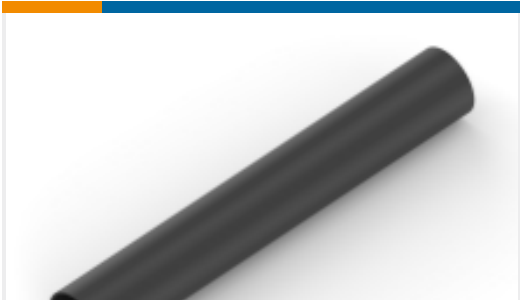
TE Part #1052067-1
2037 5006 02,SMA RA CABLE PLUG



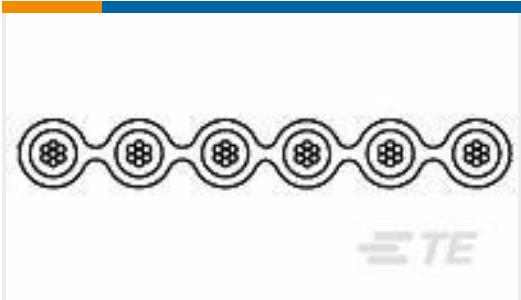
TE Part #1052551-1
2052 1352 00,SMA FM JACK RECPT



TE Part #1051157-1
2007 7985 02,SMA RA CABLE PLUG



TE Part #NB25862001
SCL-3/16-0-STK



TE Part #1-57040-7
Madison Spec 100-4703 Rev. 7

Documents

Product Drawings

2007 7941 02,SMA RA CABLE PLUG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1051151-1_C_c-1051151-1-c.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1051151-1_C_c-1051151-1-c.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1051151-1_C_c-1051151-1-c.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

Instruction Sheets

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

English