



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: **.47 Semi-Rigid**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Plug
Compatible With RF Cable Type	.47 Semi-Rigid
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	Straight
Body Material	Stainless Steel
Body Plating Material	Gold

Contact Features

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	Mechanical
Detent	Without

Dimensions

Product Length	11.18 mm[.44 in]
RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]

Usage Conditions

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

Operating Frequency	18 GHz
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Packaging Features

Packaging Method	Carton
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Other

Coupling Nut Plating Material	Gold
Gasket Material	Silicone Rubber
Coupling Nut Base Material	Stainless Steel
Dielectric Material	PTFE 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: JUL 2017 (174) 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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

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 # 1053221-1
2058 5029 00



TE Part # 1054426-1
2082 5133 02

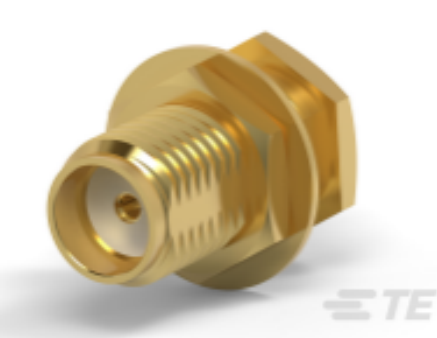


TE Part # 221790-1
JACK,RIGHT ANGLE,PCB,SMA





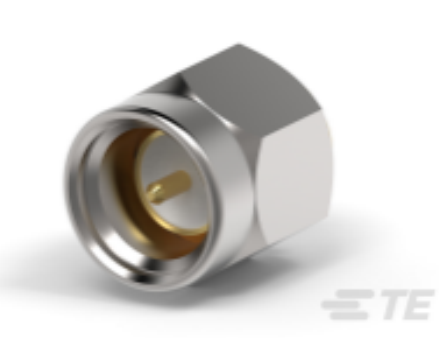
TE Part # 1054868-1
2084 0000 00



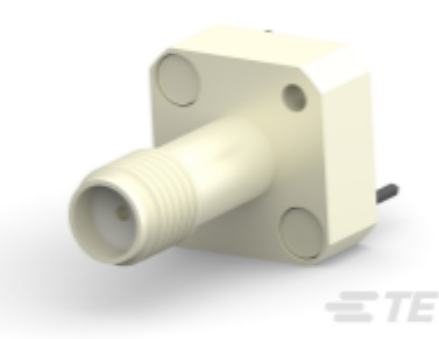
TE Part # 1053072-1
2056 0000 00



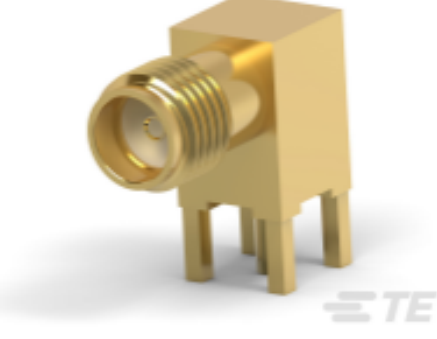
TE Part # 1050547-1
2001 5032 00



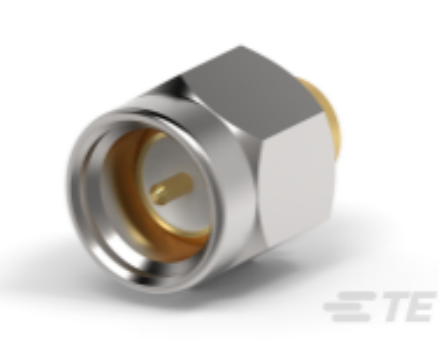
TE Part # 1050548-1
2001 5032 02



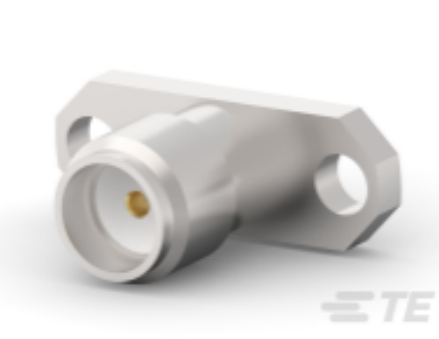
TE Part # 6274096-1
JACK ASSEMBLY, ACTION PIN, SMA



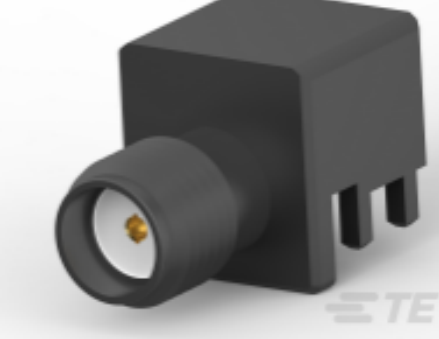
TE Part # 1053378-1
2064 0000 00



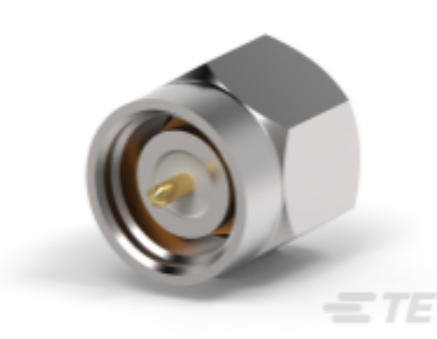
TE Part # 1050525-1
2001 5003 02,SMA CABLE PLUG



TE Part # 1052639-1
2052 3357 02



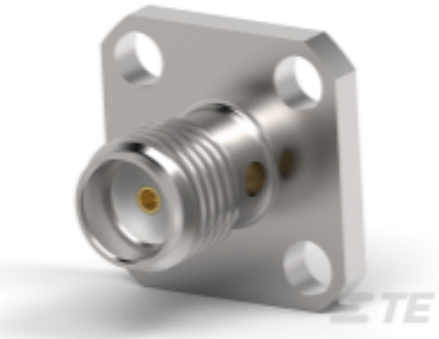
TE Part # 2081005-1
ASSY. SMA JACK PCB EDGE MOUNT



TE Part # 1050611-1
2001 5443 02



TE Part # 1050740-1
2001 7641 02



TE Part # 1052422-1
2052 0000 02,SMA FM JACK RECPT

Also in the Series | AMP SMA



Battery Holders(1)



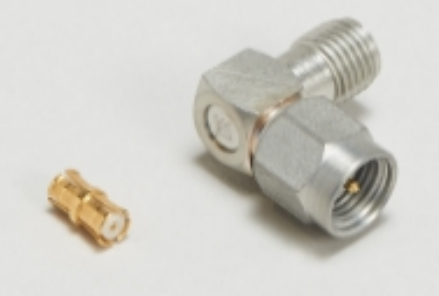
Between Series Adapters(3)



Coax Contacts(1)



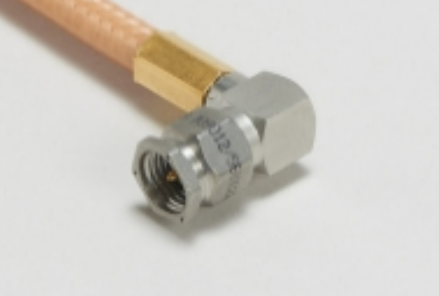
Coax Terminators(1)



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)

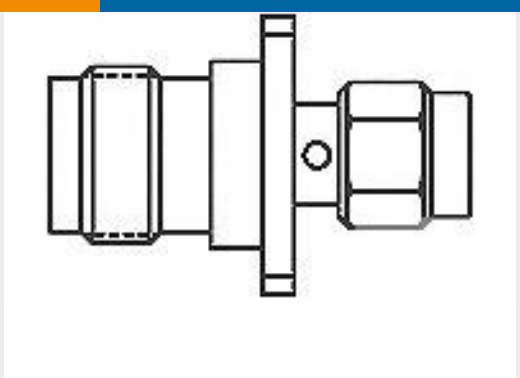
Customers Also Bought



TE Part #6-1609157-3
CORCOM IH SERIES IEC FILTERED INLETS



TE Part #1-120529-1
Free Height Receptacle Conn: Board-Board, Vertical, 64, 1mm



TE Part #1057857-1
3182 2243 00



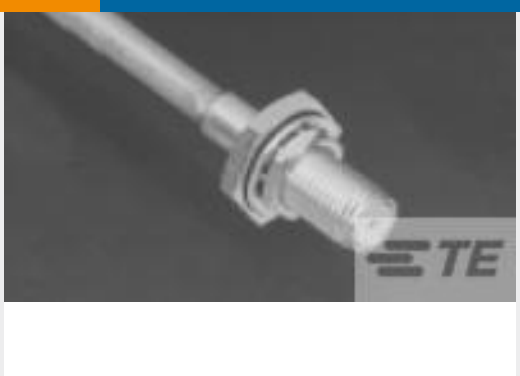
TE Part #5-917689-1
Glow Wire Signal Double Lock Plug



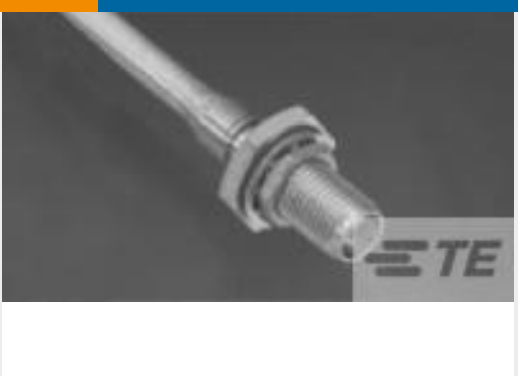
TE Part #YDTS26G17-06PBV001
D38999: Straight Plug, 17-06 Insert



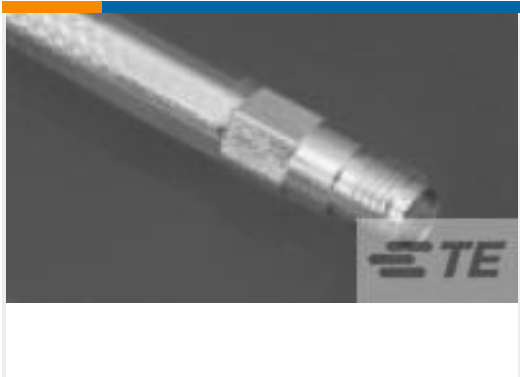
TE Part #5054042013
RNF-100-3/32-VT-STK



TE Part #1046236-1
SCD,1250 1156 00,SMA Cable Jack



TE Part #1051033-1
2004 8208 92



TE Part #1051869-1
2032 5026 02



TE Part #1-1589472-5
STL009PC2DC018N = WDUALOB

Documents

Product Drawings

2001 7947 00

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1050766-1_A_c-1050766-1-a.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1050766-1_A_c-1050766-1-a.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1050766-1_A_c-1050766-1-a.3d_stp.zip](#)

English

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

Instruction Sheets

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

English

[OSM Straight Cable Plug Direct Solder Attachment 1050766-1 and 1056231-1](#)

English