



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 402 Semi-Rigid**

Features

Other

Coupling Nut Base Material	Stainless Steel
Coupling Nut Plating Material	Gold
Gasket Material	Silicone Rubber
Dielectric Material	PTFE
EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions

Contact Features

RF Connector Center Contact Underplating Material	Nickel, Copper
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Dimensions

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

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 402 Semi-Rigid
Connector System	Cable-to-Cable
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Impedance	50 Ω
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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

Operation/Application

Operating Frequency	18 GHz
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Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Body Features

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

Termination Features

Termination Method to Wire & Cable	Solder
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Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
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Packaging Features

Packaging Method	Carton
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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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 2081570-1
2.92MM JACK 2 HOLE FLANGE RECEPTACLE



TE Part # 1050602-1
2001 5395 02



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



TE Part # 1052066-1
2037 5006 00,SMA RA CABLE PLUG



TE Part # 1050547-1
2001 5032 00



TE Part # 2016694-4
RF CA,UMCC4 TO SMA JACK,1.13MM, L200MM



TE Part # 1053635-1
2081 0000 02



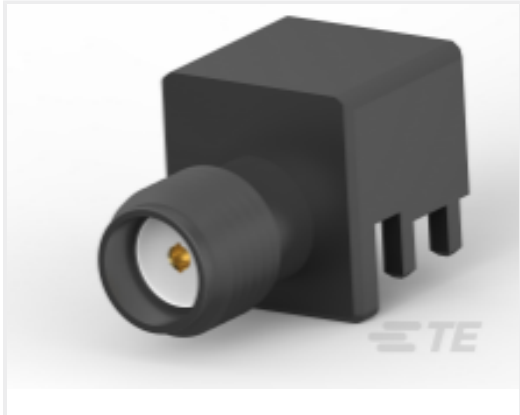
TE Part # 1051110-1
2007 5054 02



TE Part # 1053265-1
2058 5329 02



TE Part # 1052098-1
2037 5100 02



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



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



TE Part # 1052633-1
2052 3356 00



TE Part # 1051664-1
2031 5012 00



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



TE Part # 2081570-2
2.92MM JACK 2 HOLE FLANGE RECEPTACLE



TE Part # 2016682-4
RF CA,UMCC1 TO SMA JACK,1.13MM, L200MM



TE Part # 1052514-1
2052 1133 00



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



TE Part # 1050548-1
2001 5032 02

Also in the Series | SMA



Battery Holders(1)



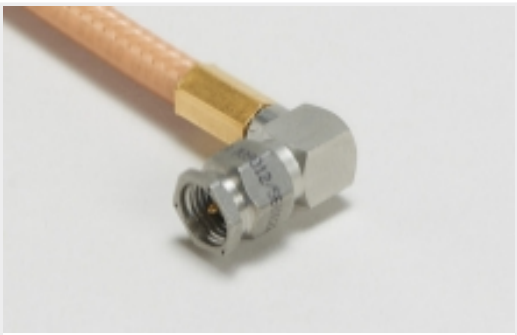
Connector Adapters & Connector Savers(8)



Connector Caps & Covers(3)

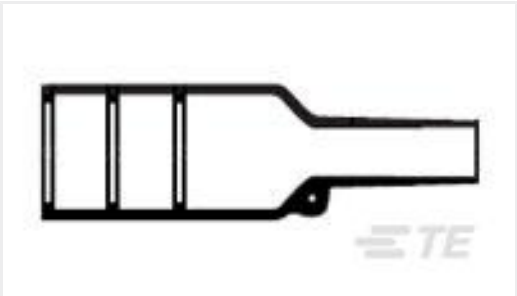


Connector Strain Relief(1)



RF Cable Assemblies(2)

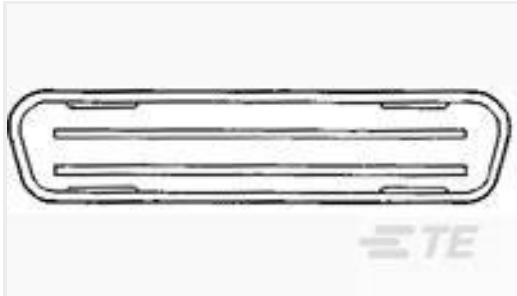
Customers Also Bought



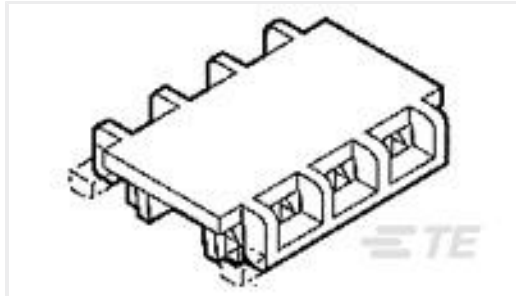
TE Part #879222-000
202K132-25/86-0



TE Part #1-640250-0
10P SL156 HSG W/LCK RAMP NATL



TE Part #229968-2
COVER, DUST, PLUG, BLUE, CHAMP



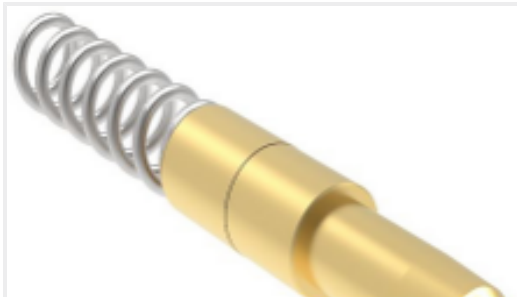
TE Part #643071-9
09P MTA156 FD-THRU COVER



TE Part #1050859-1
2002 5016 00



TE Part #2302339-1
NanoRF SKT CONTACT, DAUGHTER CARD



TE Part #2302345-1
NanoRF PIN CONTACT, BACKPLANE



TE Part #1-6609104-7
PE0S0SS6B=C1165



TE Part #1393255-6
W93-X112-25=M6/M7/M9/W6/W7



TE Part #2828434-2
NanoRF BP 8 POS ALUMINUM

Documents

Product Drawings

2001 5003 00,SMA CABLE PLUG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1050524-1_B_c-1050524-1-b.2d_dxf.zip

1050524-1

SMA Connector, Plug, 50 ohm, Threaded, 18 GHz, Cable-to-Cable, 1 Position, Sealable, Wire & Cable, Cable Mount (Free-Hanging), SMA



English

Customer View Model

[ENG_CVM_CVM_1050524-1_B_c-1050524-1-b.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1050524-1_B_c-1050524-1-b.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

OSM Straight Cable Plug Direct Solder Attachment 1311057-1, 1050524-1, 1050525-1, 1313537-1, 1044533-1, 1327520-1, 1313725-1, and 1222331-1

English