



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: **RD 316/U Double Braid**

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	RD 316/U Double Braid
Connector System	Cable-to-Cable
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Cable Connector Orientation	Right Angle
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Body Material	Stainless Steel
Body Material Finish	Passivated

Contact Features

Ferrule Material	Copper
Crimp Type	Hexagonal Crimping
RF Connector Contact Configuration	Captivated Contacts
RF Connector Center Contact Underplating Material	Copper, Nickel
RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

Dimensions

Product Length	16.9 mm[.665 in]
RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]

Operation/Application

Operating Frequency	12.4 GHz
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Packaging Features

Packaging Method	Carton
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Other

Coupling Nut Base Material	Stainless Steel
Coupling Nut Plating Finish	Passivated
Dielectric Material	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	Restricted Materials Above Threshold



EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2024
(241)

Candidate List Declared Against: JUL 2021
(219)

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.

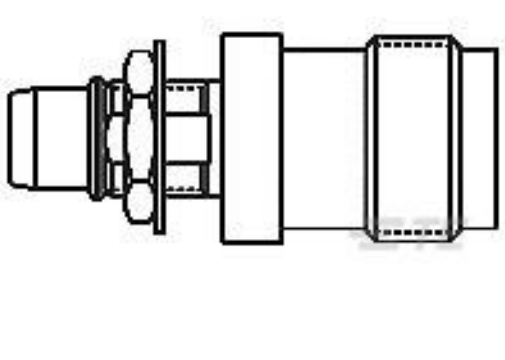
Solder Process Capability

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



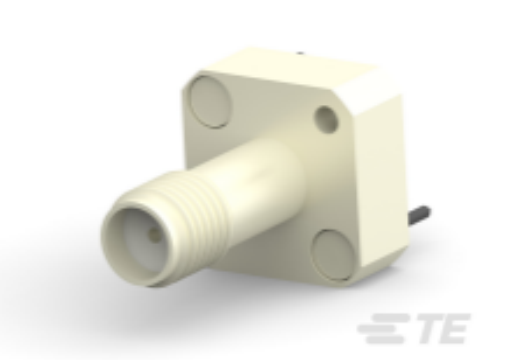
TE Part # 1057910-1
3184 2451 02



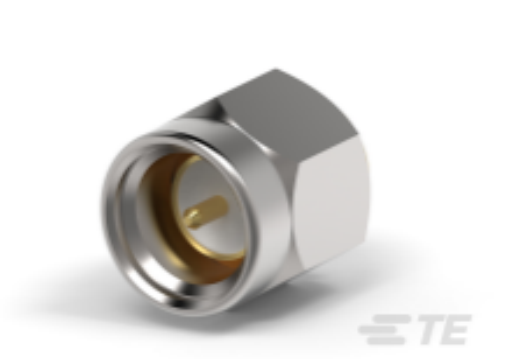
TE Part # 1052633-1
2052 3356 00



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



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



TE Part # 1050548-1
2001 5032 02



TE Part # 1054869-1
2084 0000 02



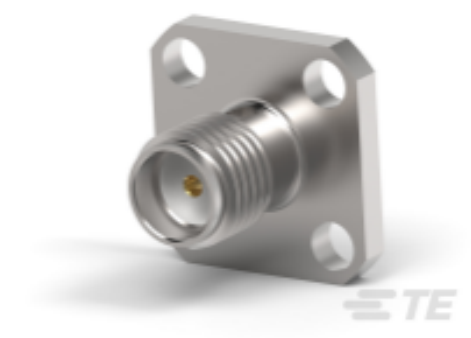
TE Part # 1052514-1
2052 1133 00



TE Part # 1050720-1
2001 7188 00



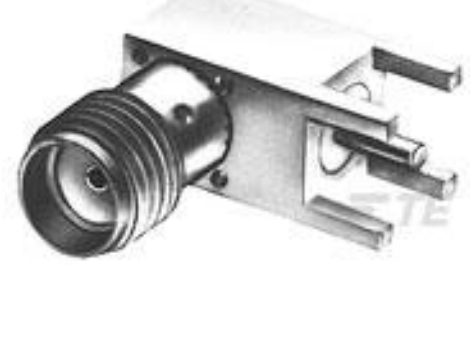
TE Part # 1051664-1
[2031 5012 00](#)



TE Part # 1052566-1
[2052 1618 02,SMA FM JACK RECPT](#)



TE Part # 1052902-1
[2052 5674 02](#)



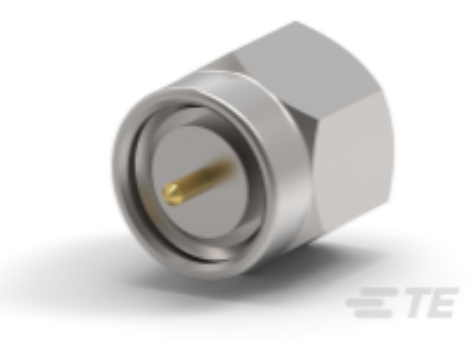
TE Part # 1053392-1
[2064 5059 00](#)



TE Part # 1053635-1
[2081 0000 02](#)



TE Part # 1050547-1
[2001 5032 00](#)



TE Part # 1050602-1
[2001 5395 02](#)



TE Part # 1052066-1
[2037 5006 00,SMA RA CABLE PLUG](#)



TE Part # 1057341-1
[3080 2240 00](#)



TE Part # 1052689-1
[2052 3502 02,SMA JACK RECPT](#)



TE Part # 1053354-1
[2062 0000 00,SMA PCB VERT JACK](#)



TE Part # 1056462-1
[2837 7388 02](#)

Also in the Series | SMA



[Battery Holders\(1\)](#)



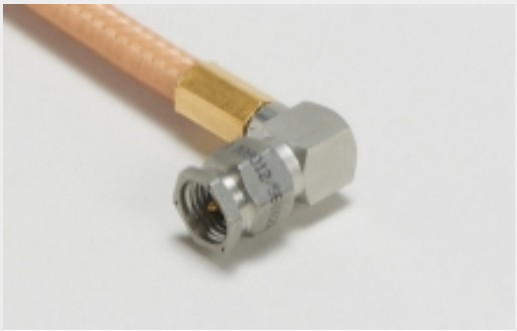
[Connector Adapters & Connector Savers\(8\)](#)



[Connector Caps & Covers\(3\)](#)



[Connector Strain Relief\(1\)](#)

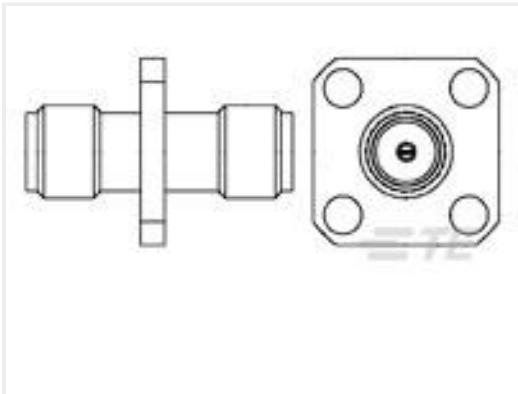


[RF Cable Assemblies\(2\)](#)

Customers Also Bought



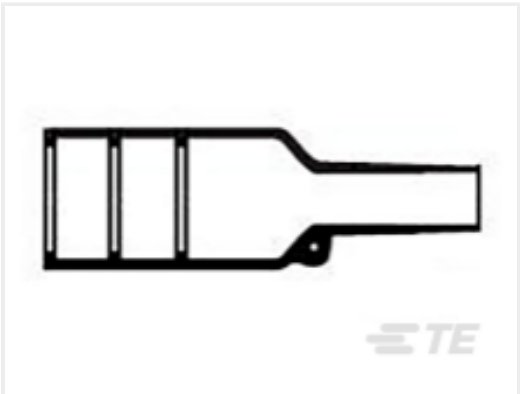
TE Part #2302339-1
NanoRF SKT CONTACT, DAUGHTER CARD



TE Part #1054988-1
SMA Jack-Jack Adapter 2084 8002 92



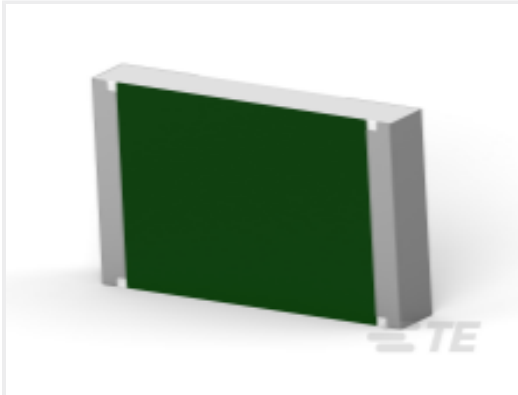
TE Part #50334-2
TERMINAL, SOLIS R 26-22 2 AU



TE Part #CAT-R21-731072
Bulbous Heat Shrink Boots: Lipped, Straight



TE Part #2176430-5
MPT35 R47 5%



TE Part #4-2176401-6
3540 1M0 1%



TE Part #8-2176415-0
8W STD M/OX 5% 56K



TE Part #YDTS20F25-19BNV001
RECP ASSY



TE Part #1060787-1
5807 7985 09, OSX R/A CABL PLUG

Documents

Product Drawings

2837 7316 02

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1056456-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1056456-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1056456-1_A.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

Product Specifications

Product Specification for SMA connectors with flexible cable

English

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

OSM Right-Angle Cable Plug Crimp Attachment 1056456-1, 1056458-1, 1056460-1, and 1056462-1

English