1050547-1 ✔ ACTIVE

AMP | SMA

TE Internal #: 1050547-1

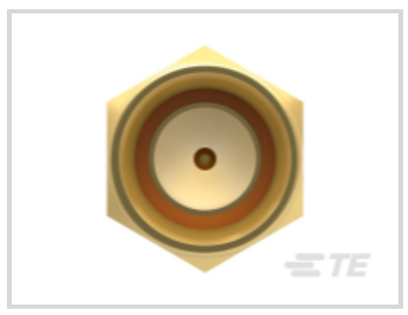
SMA Connector, Plug, 50 ohm, Threaded, 18 GHz, Cable-to-Cable, 1 Position, Sealable, Wire & Cable, Cable Mount (Free-Hanging), SMA

View on TE.com >

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**

RF Connector Coupling Mechanism: **Threaded**

Features

Product Type Features

Connector Seal & Plug Type	Gasket
Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Plug
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

Body Features

Body Underplating Material	Nickel

Body Material	Stainless Steel
Body Plating Material	Gold

Contact Features

RF Connector Center Contact Underplating Material	Copper
RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Wire & Cable	Solder

Mechanical Attachment

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

Housing Features

Body Orientation	Straight

Dimensions

Product Length	11.1 mm[.437 in]
RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

Operation/Application

Operating Frequency Range	18 GHz

Packaging Features

Packaging Method	Carton

Other

Coupling Nut Base Material	Stainless Steel
Coupling Nut Plating Material	Gold
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: JUNE 2025 (250) 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 # 2016694-4
RF CA,UMCC4 TO SMA JACK,1.13MM, L200MM



TE Part # 1050602-1
2001 5395 02



TE Part # 1053635-1
2081 0000 02



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



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

TE Part # 1052689-3
SMA JACK RECPT

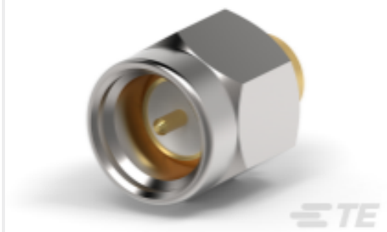
TE Part # 1-619550-0
SMA JACK 2 HOLES FLANGE

TE Part # 2081589-1
SMA JACK 2 HOLE FLANGE RECEPTACLE

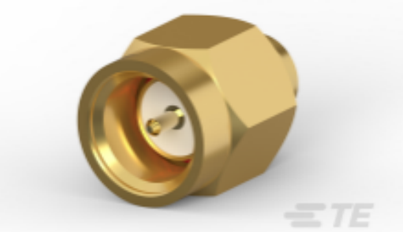
TE Part # 2455001-1
ADAPTER OSP JACK TO SMA JACK FLOAT PANEL



TE Part # 1053265-1
2058 5329 02



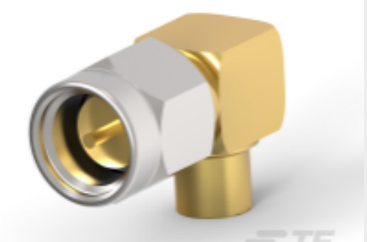
TE Part # 1050525-1
2001 5003 02,SMA CABLE PLUG



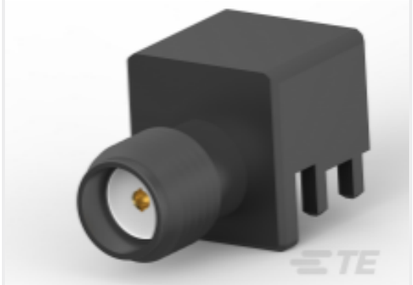
TE Part # 1050524-1
2001 5003 00,SMA CABLE PLUG



TE Part # 1052098-1
2037 5100 02



TE Part # 1051110-1
2007 5054 02



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

TE Part # 1052618-2
SMA JACK 4 HOLE FLANGE RECEPTACLE

TE Part # 2-619550-0
SMA JACK 2 HOLES FLANGE

TE Part # 1052639-2
SMA JACK RECEPTACLE



TE Part # 2016682-2
RF CA,UMCC1 TO SMA JACK,1.13MM, L100MM



TE Part # 1053354-1
2062 0000 00,SMA PCB VERT JACK

Also in the Series | SMA



Battery Holders(1)



Connector Adapters & Connector Savers(8)



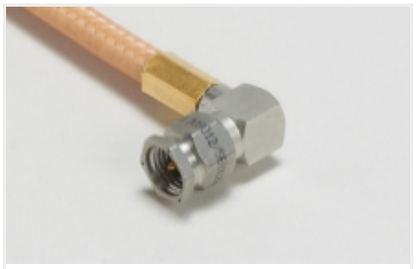
Connector Caps & Covers(3)



Connector Hardware(2)



Connector Strain Relief(1)

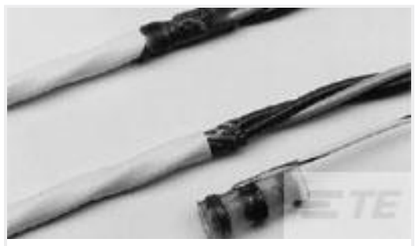


RF Cable Assemblies(119)



RF Terminators(1)

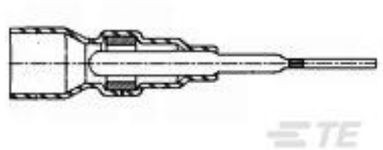
Customers Also Bought



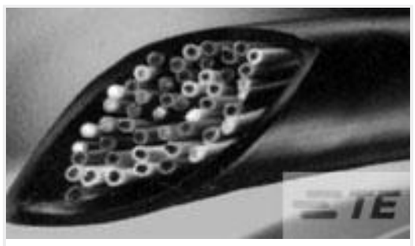
TE Part #719817-000
CWT-3809-W1



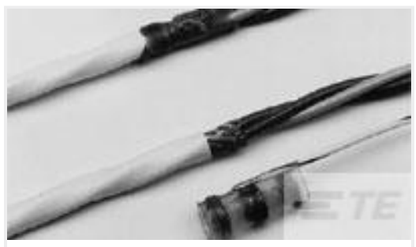
TE Part #NB31702001
CRN-3/32-0-STK



TE Part #601061-000
D-607-04-H



TE Part #5603764002
NTFR-1/8-0-SP



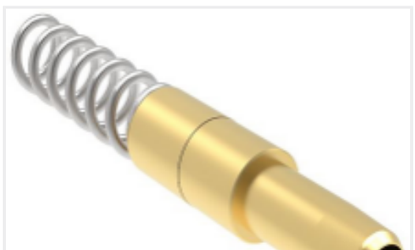
TE Part #694681-000
CWT-3807-W2



TE Part #680327-000
D-609-07



TE Part #2-327958-4
TERMINAL,PIDG RECT 16-14 6



TE Part #2302345-1
NanoRF PIN CONTACT, BACKPLANE

TE Part #EK1531-000
D-621-0008CS2866

TE Part #191270-000
D-602-16CS2960

Documents

Product Drawings

2001 5032 00

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1050547-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1050547-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1050547-1_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 1050531-1, 1050532-1, 1050547-1, 1050548-1, 1310272-1, 1060759-1, 1329333-1, and 1080761-1

English