1050762-1 SUPERSEDED

AMP | SMA

TE Internal #: 1050762-1

TE Internal Description: 2001 7943 00,SMA CABLE PLUG

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]

Operation/Application

Operating Frequency Range	26.5 GHz

Packaging Features

Packaging Method	Bag

Other

Coupling Nut Base Material	Stainless Steel
Coupling Nut Plating Material	Gold
Gasket Material	Silicone Rubber
Dielectric Material	TFE Fluorocarbon

Product Compliance

For compliance documentation, visit the product page on TE.com>

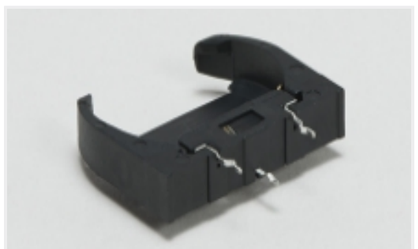
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) 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.

Also in the Series | SMA



Battery Holders(1)



Connector Adapters & Connector Savers(8)



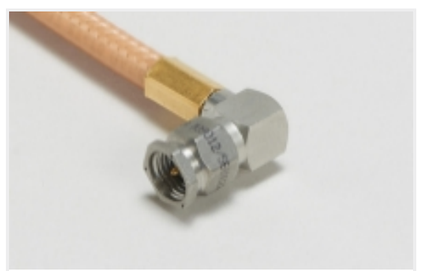
Connector Caps & Covers(3)



Connector Hardware(2)



Connector Strain Relief(1)



RF Cable Assemblies(119)

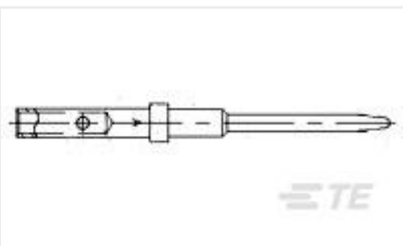


RF Terminators(1)

Customers Also Bought



TE Part #121727-000
HT-SCE-1K-3/8-2.0-9



TE Part #208262-3
5009-328-0022



TE Part #1050859-1
2002 5016 00



TE Part #1410946-2
MULTI-GIG SOC. CAP SCREW, CUSTOMIZED HDW



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



TE Part #2302345-1
NanoRF PIN CONTACT, BACKPLANE



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



TE Part #2157553-1
RF BACKPLANE MODULE 8 POS



TE Part #142003-000
RNF-100-3/4-BK-FSP



TE Part #1045423-1
SSMA R/A Cable Plug 1007 7985 02

Documents

Product Drawings

2001 7943 00,SMA CABLE PLUG

English

CAD Files

Customer View Model

ENG_CVM_CVM_1050762-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1050762-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1050762-1_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 1069272-1, 1050762-1, and 1050763-1

English