1-1478904-0 ✔ ACTIVE

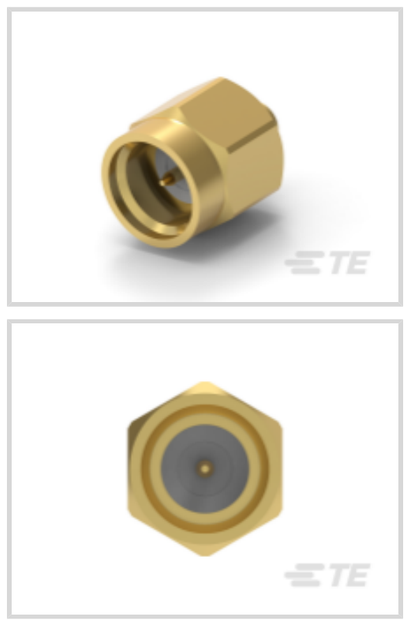
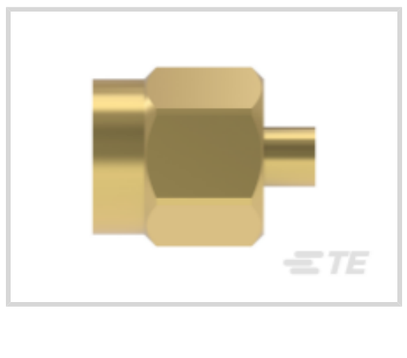
AMP | SMA

TE Internal #: 1-1478904-0

SMA RF Interface, Plug, 50 ohm, RG 405, Screw, 18 GHz Operating Frequency, Cable-to-Board, 1 Position, Sealable, Wire & Cable, Panel Mount, 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**

Compatible With RF Cable Type: **RG 405**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector Seal & Plug Type	Gasket
RF Interface	SMA
RF Connector Style	Plug
Compatible With RF Cable Type	RG 405
Connector System	Cable-to-Board
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

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

Contact Features

RF Connector Center Contact Underplating Material	Copper
RF Connector Contact Configuration	Not Captivated
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Brass

Termination Features

Termination Method to Wire & Cable	Solder

Mechanical Attachment

RF Connector Coupling Mechanism	Screw
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	Without

Dimensions

Product Length	11.2 mm[.442 in]
RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]

Usage Conditions

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

Operation/Application

Operating Frequency	18 GHz

Packaging Features

Packaging Quantity	100
Packaging Method	Bag

Other

Coupling Nut Plating Material	Gold
Coupling Nut Base Material	Stainless Steel
Gasket Material	Silicone Rubber
Grade	Professional
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: JUNE 2024 (241) SVHC > Threshold: Pb (4.75% 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	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

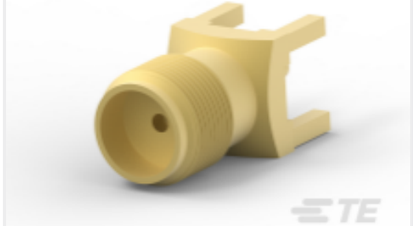
Product Compliance Disclaimer

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

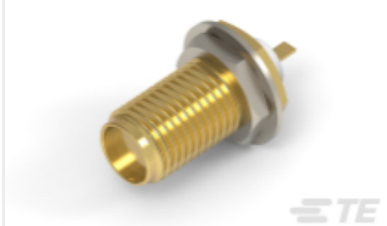
Compatible Parts



TE Part # 1-1478963-0
SMA PNL SKT RCPT, 2/FLNG GSS



TE Part # 1-1478979-0
SMA STR PCB SKT GSS



TE Part # 1-1478966-0
SMA B/HD SKT RCPT GSS



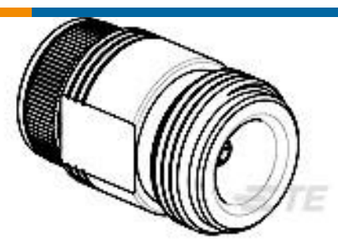
TE Part # 1-1478968-0
SMA PNL SKT LNCH STUB 4/FLNG GSS NCC



TE Part # 1057290-1
3052 1201 10,N SERIES FM PLUG



TE Part # 225094-2
N SER BHD JACK WEATHERPROOF



TE Part # 1460055-1
N PRESS-FIT JACK

Also in the Series | SMA



Battery Holders(1)



Coax Connectors(65)



Connector Adapters & Connector Savers(8)



Connector Caps & Covers(3)



Connector Hardware(2)



Connector Strain Relief(1)



RF Cable Assemblies(2)

Customers Also Bought



TE Part #2-5332095-4
SOCKET,MIN-SPR SN-AU SER-1



TE Part #D42180-000
B-155-05



TE Part #322339
TERMINAL,SOLIS R HT 16-14 1/4



TE Part #3-1825910-5
FSM18JH=6MM TACT SWITCH, HIGH TEMP



TE Part #4-1624113-0
3650 0805 47nH 5% 2K RL



TE Part #A70754-000
B-155-03



TE Part #ZPF000000000009098
983-6WS 10-06 SN

TE Part #ZPF000000000202371
746-8025-08

TE Part #ZPF000000000203106
KIT CONTACT THERMO POUR THERMO COAX

Documents

Product Drawings

SMA STR PLG DS RG405 GSS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1478904-0_A2.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1478904-0_A2.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1478904-0_A2.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Product specification for SMA connectors with semi rigid cable

English

Product Specification

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

CRGCQ2010J3K3 MPT100C18RF 1393431-1 2005330-1 2377783-2 2380312-2 1-794222-0 1969656-1 917696-1 1-962915-1 175977-2 2834055-1 3-1393225-0 SBCHE64R7K SMW73R0JT 1903112-2 2310537-1 3631B101LL 2-292161-3 CPF0402B37K4E1 TE50BR39J 1743455-2 3430B2F51RTDF RH73H2A40MKTN U5254-000005-030PA 936348-1 ROX05SJ18R SBCHE154R7K 141991-2 650075-000