



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

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
Connector Seal & Plug Type	Gasket
Connector Product Type	Connector Assembly

Dimensions

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

Electrical Characteristics

Impedance	50 Ω
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Mechanical Attachment



RF Connector Coupling Mechanism	Screw
Connector Mounting Type	Panel Mount
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

Usage Conditions

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

Termination Method to Wire & Cable	Solder
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Body Features

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

Contact Features

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

Other

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

Packaging Features

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Packaging Method	Bag
Packaging Quantity	100

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(64)



Connector Adapters & Connector Savers(8)



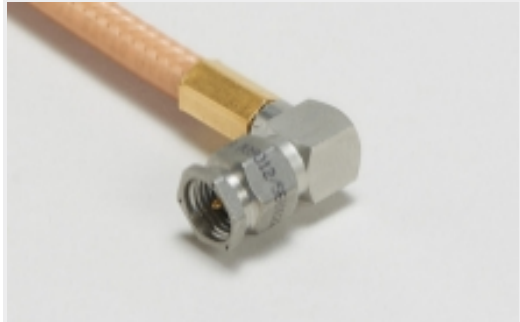
Connector Caps & Covers(3)



Connector Hardware(2)



Connector Strain Relief(1)



RF Cable Assemblies(2)

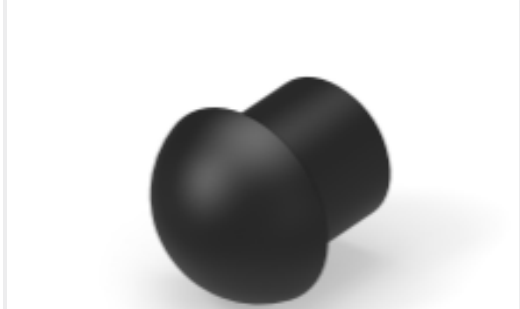
Customers Also Bought



TE Part #1658683-1
HDP-22,RCPT,SIZE 3,44 POSN



TE Part #320619
TERMINAL,PIDG R 16-14 6



TE Part #1SNG610018R0000
EP-DOP-SZ13-BL-B



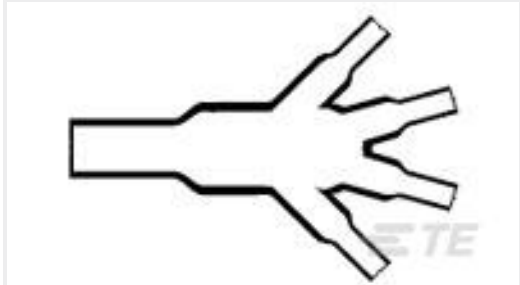
TE Part #130516
PIDG SPADE



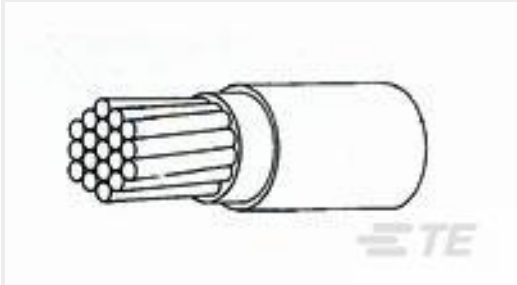
TE Part #827914-1
2P SHUNTSTECKER



TE Part #EH3264-000
ZH150-8/4-0-SP



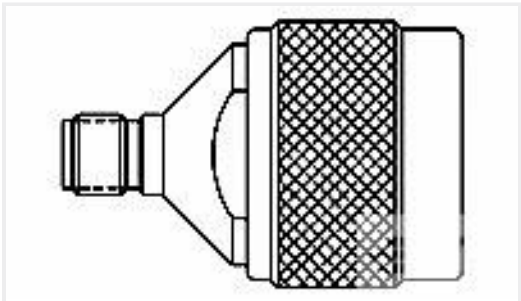
TE Part #829100-000
562A032-25-0



TE Part #2820213011
44A0111-20-1



TE Part #1050525-1
[2001 5003 02,SMA CABLE PLUG](#)



TE Part #1057377-1
[3082 2240 00,ADAPTER,N TO SMA](#)

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

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Product Specifications

[Product specification for SMA connectors with semi rigid cable](#)

English

[Product Specification](#)

English