



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
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Body Features

Body Material	Stainless Steel
Body Material Finish	Plated
Body Plating Material	Gold

Contact Features

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

Termination Features

Termination Method to Wire & Cable	Solder & Clamp
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Mechanical Attachment

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

Housing Features

Body Orientation	Right Angle
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Dimensions

Product Length	16.7 mm[.657 in]
RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]

Usage Conditions

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

Operating Frequency Range	27 GHz
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Packaging Features

Packaging Quantity	100
Packaging Method	Box

Other

Coupling Nut Plating Material	Gold
Gasket Material	Silicone Rubber
Grade	Professional
Coupling Nut Base Material	Stainless Steel
Dielectric Material	Polytetrafluoroethylene (PTFE)

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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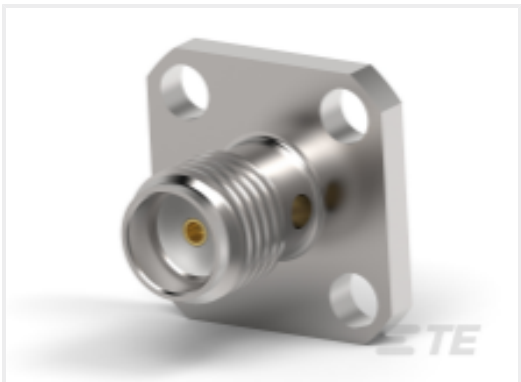


EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (4% 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 # 1052552-1 2052 1352 02,SMA FM JACK RECPT	 TE Part # 1052422-1 2052 0000 02,SMA FM JACK RECPT	 TE Part # 1-1478979-0 SMA STR PCB SKT GSS	 TE Part # 1-1478966-0 SMA B/HD SKT RCPT GSS
 TE Part # 1060469-1 5164 5011 09	 TE Part # 1-1478968-0 SMA PNL SKT LNCH STUB 4/FLNG GSS NCC	 TE Part # 1-1478963-0 SMA PNL SKT RCPT, 2/FLNG GSS	 TE Part # 1052978-1 2054 1201 02



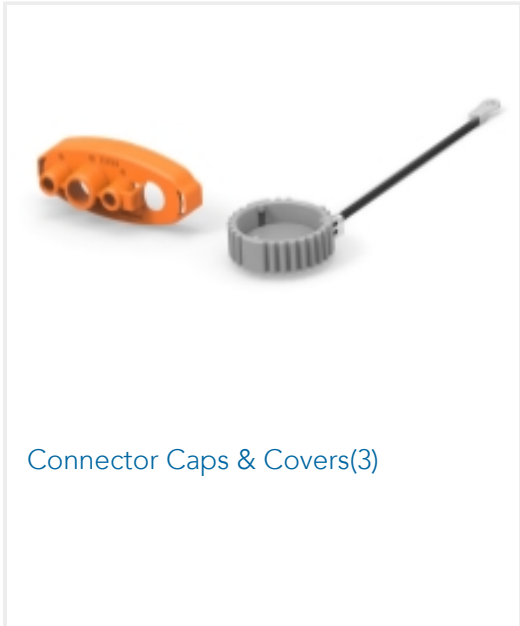
Also in the Series | SMA



Battery Holders(1)



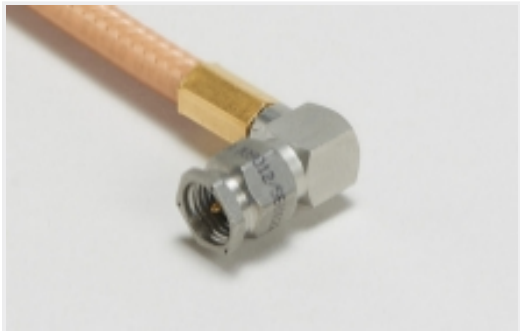
Connector Adapters & Connector Savers(8)



Connector Caps & Covers(3)



Connector Strain Relief(1)



RF Cable Assemblies(121)

Customers Also Bought



TE Part #CONMCX012-R178
MCX Plug 50 Ohm Cable Crimp



TE Part #AS108-98PN
RECEPT.CABLE COUP.TYPE 1



TE Part #ASX602-03SN-HE
PLUG ASSY AS SIZE 2 3 WAY



TE Part #ASX602-03SB-HE
PLUG ASSY AS SIZE 2 3 WAY



TE Part #ANT-433-CW-RH-SMA
Antenna 1/4 Wave Short 433MHz SMA



TE Part #CONREVSMA007-R178
RP-SMA Plug 50 Ohm Cable Crimp



TE Part #CONREVSMA007
RP-SMA Plug 50 Ohm Cable Crimp



TE Part #CONSMA012-R178
SMA Plug 50 Ohm Cable Crimp



TE Part #1-1337469-0
TNC BHSt + Tag 50Ohm Silver Pltd



TE Part #1337808-2
50 OHM COAX SMA STR PLUG STR P



Documents

Product Drawings

SMA R/A PLG S/CLMP RG174 GSS

English

Customer View Model

ENG_CVM_CVM_1-1478912-0_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1478912-0_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1478912-0_B.3d_stp.zip

English

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Product Specifications

Product Specification

English