

AMP SMA

TE Internal #: 1-1478903-0

AMP SMA, RF Connectors, SMA RF Interface, Plug, RF Connector

Mated Outer Diameter (Approximate) .25 in [6.35 mm], 50 Ω

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Connectors > RF Coax Connectors > RF 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 402**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Plug
Compatible With RF Cable Type	RG 402
Connector System	Cable-to-Board
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector Seal Type	Gasket

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

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

Contact Features

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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
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Mechanical Attachment

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

Dimensions

Flats Dimension	8.0 A/F
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]
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Operation/Application

Operating Frequency	18 GHz
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Packaging Features

Packaging Quantity	100
Packaging Method	Box

Other

Grade	Professional
Coupling Nut Plating Material	Gold
Gasket Material	Silicone Rubber
Coupling Nut Base Material	Stainless Steel
Dielectric Material	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	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
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

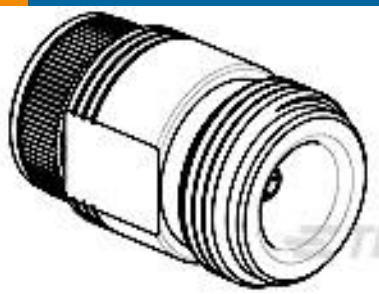
Product Compliance Disclaimer

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

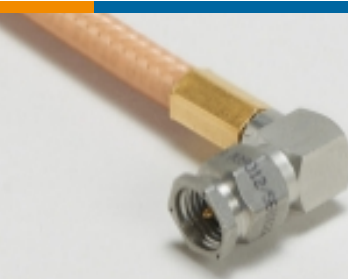
 TE Part # 1-1478963-0 SMA PNL SKT RCPT, 2/FLNG GSS	 TE Part # 1-1478979-0 SMA STR PCB SKT GSS	 TE Part # 1057284-1 3052 0000 10	 TE Part # 1057290-1 3052 1201 10,N SERIES FM PLUG
 TE Part # 5225664-2 N SERIES JACK W/P TR	 TE Part # 1-1478966-0 SMA B/HD SKT RCPT GSS	 TE Part # 1-1478968-0 SMA PNL SKT LNCH STUB 4/FLNG GSS NCC	 TE Part # 1-1478988-0 SMA B/HD JK DS RG405 GSS



 TE Part # 1-5225664-2 N SER JACK W/P TR	 TE Part # 1-1478978-0 SMA R/A PCB SKT GSS	 TE Part # 2-1478966-0 SMA B/HD SKT RCPT PSS	 TE Part # 2-1478968-0 SMA PNL SKT LNCH STUB 4/FLNG PSS NCC
 TE Part # 225093-2 N SER JACK WEATHERPROOF	 TE Part # 225094-2 N SER BHD JACK WEATHERPROOF	 TE Part # 1460055-1 N PRESS-FIT JACK	

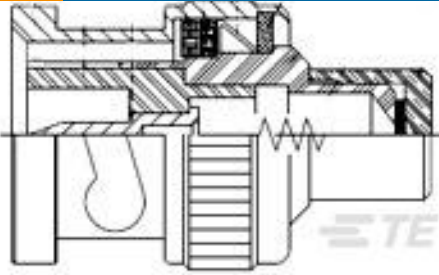
Also in the Series

AMP SMA

 Battery Holders(1)	 Between Series Adapters(3)	 Coax Contacts(1)	 Coax Terminators(1)
 In-Series Adapters(35)	 Rack & Panel Ferrules & Inserts(1)	 RF Cable Assemblies(2)	 RF Connector Hardware(2)
 RF Connector Launchers(13)	 RF Connector Shrouds(10)	 RF Connectors(527)	

Customers Also Bought



 TE Part #1-1337463-0 BNC Plg Term 50Ohm Silver Pltd	 TE Part #1-1478904-0 SMA STR PLG DS RG405 GSS	 TE Part #1-1478963-0 SMA PNL SKT RCPT, 2/FLNG GSS	 TE Part #T4061210004-002 M8 MALE R/A SINGLE ENDED CABLE ASSY
 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 #1-1814655-5 SIP IC Skt 20 SSR Sn/Au FLH RoHS	 TE Part #1-1337567-0 ISA Str Adp BNCJ-NP Nickel Pltd
 TE Part #1-1337624-0 N Str Adp JJ 50Ohm Nickel Pltd	 TE Part #1-1478046-0 BNC BH Adp JJ 50Ohm Silver Plt		

Documents

Product Drawings
SMA STR PLG DS RG402 GSS

English

Instruction Sheets
Instruction Sheet (U.S.)

English

OSM Straight Cable Plug Direct Solder Attachment 1311057-1, 1050524-1, 1050525-1, 1313537-1, 1044533-1, 1327520-1, 1313725-1, and 1222331-1

English