



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 405 Semi-Rigid**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Plug
Compatible With RF Cable Type	RG 405 Semi-Rigid
Connector System	Cable-to-Cable
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 Material Finish	Plated
Body Plating Material	Gold

Contact Features



RF Connector Contact Configuration	Not Captivated
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Wire & Cable	Solder
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Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
Detent	Without

Dimensions

Product Length	11.18 mm[.44 in]
RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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Operation/Application

Operating Frequency	27 GHz
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Packaging Features

Packaging Method	Carton
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Other

Coupling Nut Plating Finish	Passivated
Coupling Nut Base Material	Stainless Steel
Dielectric Material	PTFE Fluorocarbon

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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (3.7% 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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 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 # 1051644-1 2031 5003 02	 TE Part # 1055070-1 2088 1230 02	 TE Part # 1054874-1 2084 1100 00	 TE Part # 221789-1 JACK,PCB,SERIES SMA
 TE Part # 1052566-1 2052 1618 02,SMA FM JACK RECPT	 TE Part # 1053221-1 2058 5029 00	 TE Part # 1054426-1 2082 5133 02	 TE Part # 221790-1 JACK,RIGHT ANGLE,PCB,SMA
 TE Part # 1054868-1 2084 0000 00	 TE Part # 1053072-1 2056 0000 00	 TE Part # 1050547-1 2001 5032 00	 TE Part # 1050548-1 2001 5032 02



TE Part # 6274096-1 JACK ASSEMBLY, ACTION PIN, SMA	TE Part # 1053378-1 2064 0000 00	TE Part # 1050525-1 2001 5003 02, SMA CABLE PLUG	TE Part # 1052639-1 2052 3357 02
TE Part # 2081005-1 ASSY. SMA JACK PCB EDGE MOUNT	TE Part # 1050611-1 2001 5443 02	TE Part # 1050740-1 2001 7641 02	TE Part # 1052422-1 2052 0000 02, SMA FM JACK RECPT

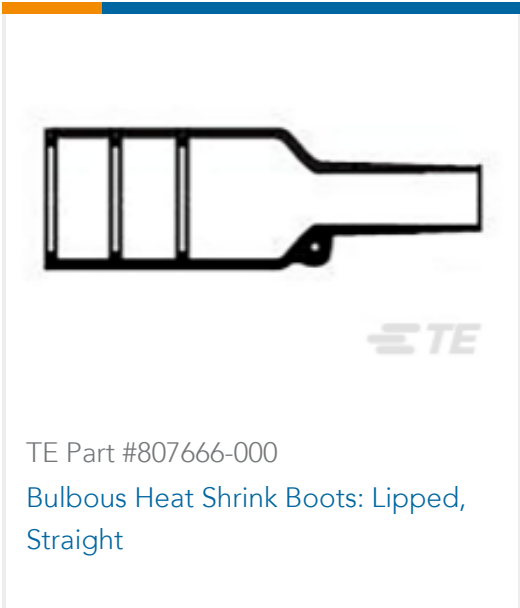
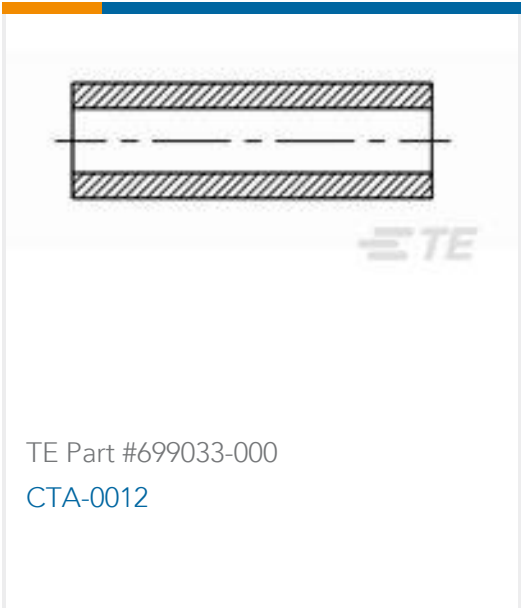
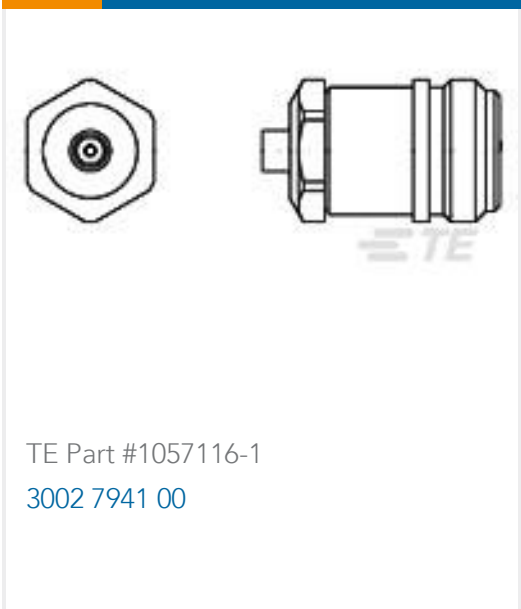
Also in the Series

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 #807666-000 Bulbous Heat Shrink Boots: Lipped, Straight	 TE Part #699033-000 CTA-0012	 TE Part #3-647480-2 Nylon Gold Plated Receptacle: 2.54 mm, With Mating Alignment, MTA 100	 TE Part #YDTS26G21-11ACV001 D38999: Straight Plug, 21-11 Insert
 TE Part #1051032-1 SMA BULKHEAD JACK 2004 8207 92	 TE Part #1057116-1 3002 7941 00	 TE Part #5054042013 RNF-100-3/32-VT-STK	 TE Part #1051023-1 2004 8002 90, SMA CABLE JACK
 TE Part #2-103326-0 40 MODII HDR DRRA B/A .100CL	 TE Part #861753-4 RECEPTACLE ASS'Y		

Documents

Product Drawings

2701 7985 00

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1056232-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1056232-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1056232-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Instruction Sheets

1056232-1

AMP SMA, RF Connectors, SMA RF Interface, Plug, RF Connector Mated Outer
Diameter (Approximate) .25 in [6.35 mm], 50 Ω



[Instruction Sheet \(U.S.\)](#)

English

[27.0 GHz OSM Straight Cable Plug Direct Solder Attachment 1056233-1 and 1056232-1](#)

English