

AMP SMA

TE Internal #: 1050532-1
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 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 Plating Material	Gold

Contact Features

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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
Connector Mounting Type	Cable Mount (Free-Hanging)
RF Contact Captivation Method	Mechanical
Detent	Without

Dimensions

Product Length	10.1 mm[.398 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	18 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	TFE 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

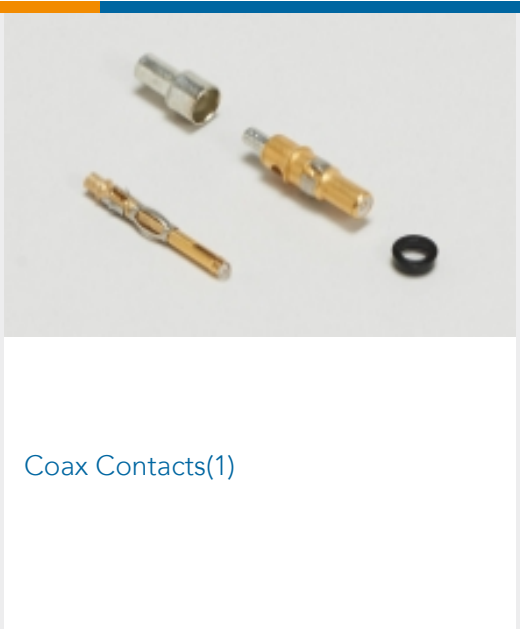
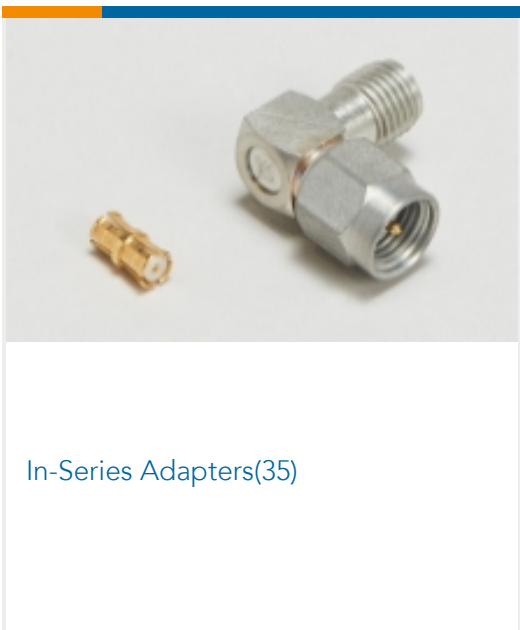
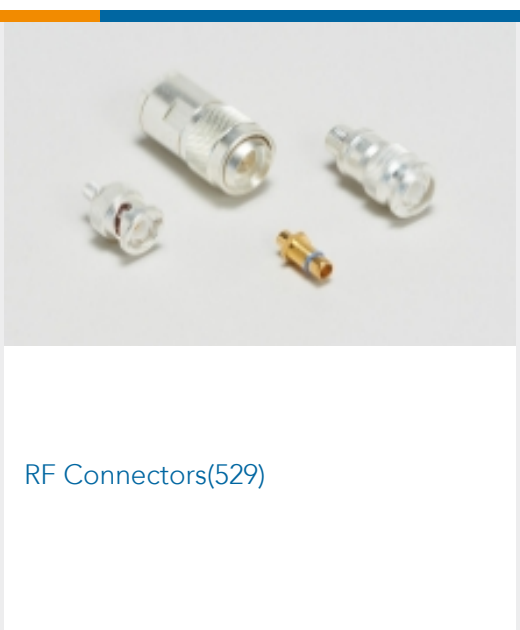
 TE Part # 1051049-1 2006 5012 00	 TE Part # 1052076-1 2037 5008 02	 TE Part # 1051654-1 2031 5006 00 KIT, OSM STR PLUG	 TE Part # 1052534-1 2052 1300 02
 TE Part # 1053635-1 2081 0000 02	 TE Part # 1053489-1 2080 0000 02	 TE Part # 1054881-1 2084 1900 02	 TE Part # 1052898-1 2052 5636 02
 TE Part # 1053137-1 2058 3100 00	 TE Part # 1056456-1 2837 7316 02	 TE Part # 1051013-1 2004 7941 00	 TE Part # 1055069-1 2088 1230 00



 TE Part # 1051139-1 2007 7188 00	 TE Part # 1053261-1 2058 5328 02	 TE Part # 1052533-1 2052 1300 00,SMA FM JACK RECPT	 TE Part # 1053241-1 2058 5219 00
 TE Part # 1055070-1 2088 1230 02	 TE Part # 1052067-1 2037 5006 02,SMA RA CABLE PLUG	 TE Part # 1051650-1 2031 5005 00	 TE Part # 1053634-1 2081 0000 00

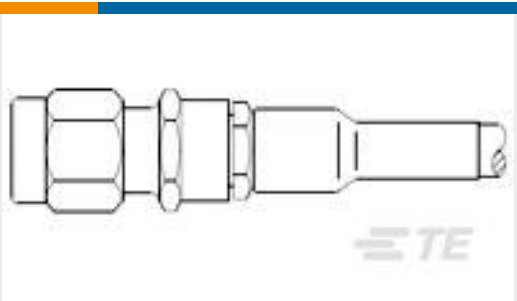
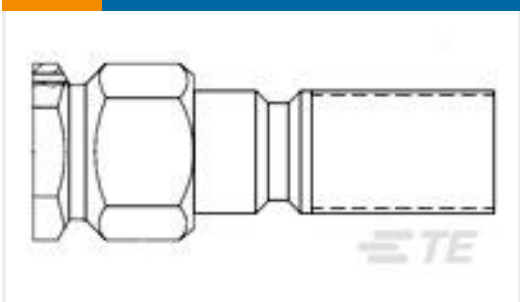
Also in the Series

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(529)	

Customers Also Bought



 TE Part #1050757-1 2001 7941 02	 TE Part #1050776-1 2001 8002 92	 TE Part #1050769-1 2001 7985 00,SMA CABLE PLUG	 TE Part #1051665-1 2031 5012 02
 TE Part #1050935-1 2002 8208 92	 TE Part #YDTS26F23-55SNV001 D38999: Straight Plug, 23-55 Insert	 TE Part #1050542-1 2001 5031 02	 TE Part #1050785-1 SMA Cable Plug 2001 8101 92
 TE Part #1051817-1 SMA CABLE PLUG 2031 8162 92	 TE Part #1052171-1 2037 8025 92		

Documents

Product Drawings
2001 5009 02

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_1050532-1_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1050532-1_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1050532-1_A.3d_stp.zip

English

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

Instruction Sheets

1050532-1

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

[OSM Straight Cable Plug, Direct Solder Attachment 1050531-1, 1050532-1, 1050547-1, 1050548-1, 1310272-1, 1060759-1, 1329333-1, and 1080761-1](#)

English