



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**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Plug
Compatible With RF Cable Type	RG 405
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	Right Angle
Body Material	Stainless Steel
Body Plating Material	Gold

Contact Features

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RF Connector Contact Configuration	Captivated Contacts
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	17.15 mm[.675 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 Method	Carton
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Other

Coupling Nut Plating Material	Gold
Gasket Material	Silicone Rubber
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 (.6% 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





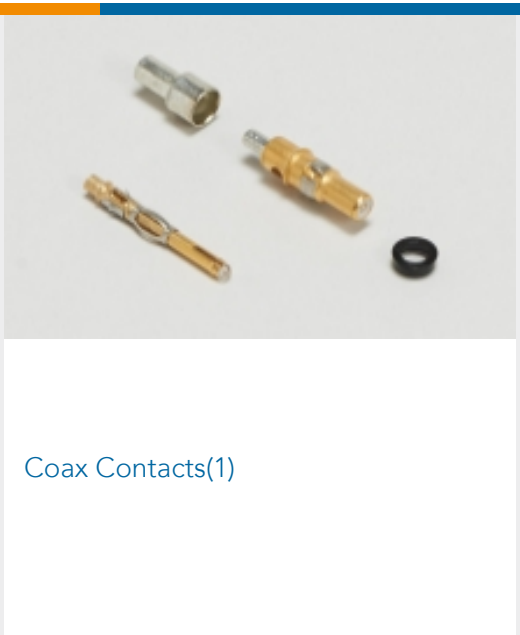

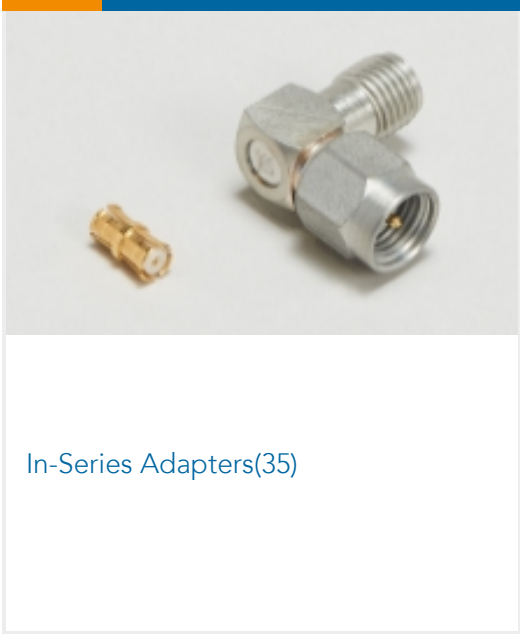



TE Part # 1052898-1
2052 5636 02



 <p>TE Part # 1053137-1 2058 3100 00</p>	 <p>TE Part # 1056456-1 2837 7316 02</p>	 <p>TE Part # 1051013-1 2004 7941 00</p>	 <p>TE Part # 1055069-1 2088 1230 00</p>
 <p>TE Part # 1051139-1 2007 7188 00</p>	 <p>TE Part # 1053261-1 2058 5328 02</p>	 <p>TE Part # 1052533-1 2052 1300 00,SMA FM JACK RECPT</p>	 <p>TE Part # 1053241-1 2058 5219 00</p>
 <p>TE Part # 1055070-1 2088 1230 02</p>	 <p>TE Part # 1052067-1 2037 5006 02,SMA RA CABLE PLUG</p>	 <p>TE Part # 1051650-1 2031 5005 00</p>	 <p>TE Part # 1053634-1 2081 0000 00</p>

Also in the Series

AMP SMA

 <p>Battery Holders(1)</p>	 <p>Between Series Adapters(3)</p>	 <p>Coax Contacts(1)</p>	 <p>Coax Terminators(1)</p>
 <p>In-Series Adapters(35)</p>	 <p>Rack & Panel Ferrules & Inserts(1)</p>	 <p>RF Cable Assemblies(2)</p>	 <p>RF Connector Hardware(2)</p>



RF Connector Launchers(13)



RF Connector Shrouds(10)



RF Connectors(529)

Customers Also Bought



TE Part #1051013-1
2004 7941 00



TE Part #1053634-1
2081 0000 00



TE Part #1050769-1
2001 7985 00,SMA CABLE PLUG



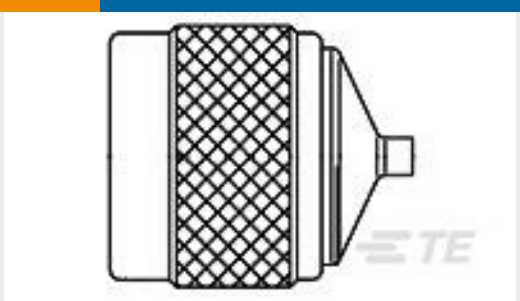
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2004 7985 00



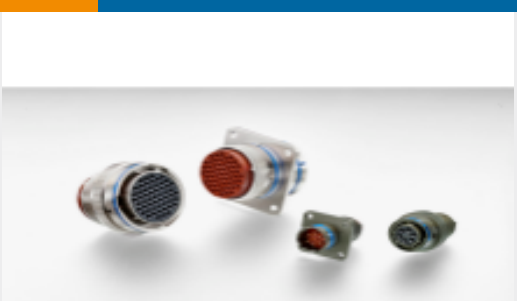
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2007 5054 00



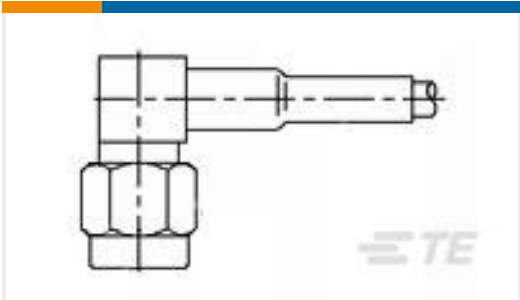
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2052 0435 00



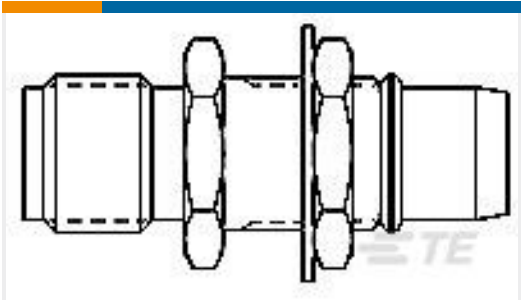
TE Part #1057094-1
3001 7985 00



TE Part #YAFD54-20-41PNC012
RECP ASSY



TE Part #1052066-1
2037 5006 00,SMA RA CABLE PLUG



TE Part #1059941-1
4785 2240 02

Documents

Product Drawings

2007 5055 00,OSM CABLE PLUG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1051113-1_A.2d_dxf.zip



English

Customer View Model
[ENG_CVM_CVM_1051113-1_A.3d_igs.zip](#)

English

Customer View Model
[ENG_CVM_CVM_1051113-1_A.3d_stp.zip](#)

English

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

Product Environmental Compliance
[TE Material Declaration](#)

English

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

English