



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: RD 316/U Double Braid

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector Seal Type	Gasket
RF Interface	SMA
RF Connector Style	Plug
Compatible With RF Cable Type	RD 316/U Double Braid
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

Cable Connector Orientation	Right Angle
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Body Material	Stainless Steel
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Body Material Finish	Passivated
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Contact Features

RF Connector Center Contact Underplating Material	Copper, Nickel
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RF Connector Contact Configuration	Captivated Contacts
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Crimp Type	Hex
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Ferrule Material	Copper
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RF Connector Center Contact Plating Material	Gold
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RF Connector Center Contact Material	Beryllium Copper
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
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RF Contact Captivation Method	Mechanical
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Detent	Without
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Dimensions

Product Length	16.9 mm[.665 in]
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RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]
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Usage Conditions

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

Operating Frequency	12.4 GHz
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Packaging Features

Packaging Method	Carton
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Other

Coupling Nut Plating Finish	Passivated
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Coupling Nut Base Material	Stainless Steel
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Dielectric Material	PTFE
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

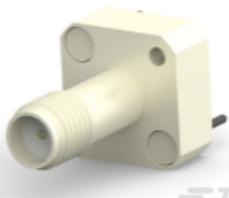
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUL 2021 (219) 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

 <p>TE Part # 1050547-1 2001 5032 00</p>	 <p>TE Part # 1050548-1 2001 5032 02</p>	 <p>TE Part # 6274096-1 JACK ASSEMBLY, ACTION PIN, SMA</p>	 <p>TE Part # 1052422-1 2052 0000 02,SMA FM JACK RECPT</p>
 <p>TE Part # 1052634-1 2052 3356 02</p>	 <p>TE Part # 1053354-1 2062 0000 00,SMA PCB VERT JACK</p>	 <p>TE Part # 1050524-1 2001 5003 00,SMA CABLE PLUG</p>	 <p>TE Part # 1050859-1 2002 5016 00</p>



TE Part # 1052098-1
2037 5100 02



TE Part # 1053635-1
2081 0000 02



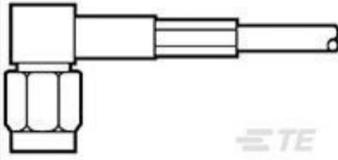
TE Part # 2081005-1
ASSY. SMA JACK PCB EDGE MOUNT



TE Part # 1408541-1
PUSH ON SMA CABLE PLUG



TE Part # 1057377-1
3082 2240 00,ADAPTER,N TO SMA



TE Part # 1-447651-0
PLUG R/A,SMA,HEX CRIMP COMM



TE Part # 1050999-3
SMA S/T JACK RG195 CABLE,CRIMP END



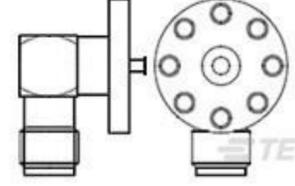
TE Part # 1051643-3
SMA STRAIGHT PLUG CABLE END



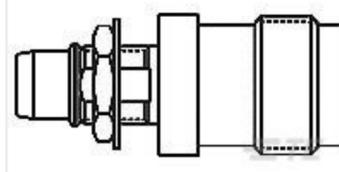
TE Part # 1051933-3
OSM STRAIGHT JACK



TE Part # 1052633-1
2052 3356 00



TE Part # 1053438-1
2068 5156 00



TE Part # 1057910-1
3184 2451 02

Also in the Series | AMP SMA



Battery Holders(1)



Between Series Adapters(1)



Coax Terminators(1)



In-Series Adapters(11)



Rack & Panel Ferrules & Inserts(1)



RF Cable Assemblies(2)



RF Connector Hardware(2)



RF Connector Launchers(8)



RF Connector Shrouds(3)



RF Connectors(297)

Documents

Product Drawings

[2837 7316 02](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1056456-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1056456-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1056456-1_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[SMA Connectors](#)

English

Product Specifications

[Product Specification for SMA connectors with flexible cable](#)

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[Product Specification](#)

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Product Environmental Compliance

[Product Compliance](#)

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[Product Compliance](#)

English

Instruction Sheets

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



English

[OSM Right-Angle Cable Plug Crimp Attachment 1056456-1, 1056458-1, 1056460-1, and 1056462-1](#)

English