



Connectors > RF Connectors > Coax Connectors



RF Interface: **SMA**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **6.35 mm [ .25 in ]**

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 174, RG 179, RG 187, RG 188, RG 316**

Features

Product Type Features

Connector Seal & Plug Type	Gasket
Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Jack
Compatible With RF Cable Type	RG 174, RG 179, RG 187, RG 188, RG 316
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	Straight
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Body Material	Stainless Steel
Body Plating Material	Gold

Contact Features

Ferrule Plating Material	Gold over Copper
Ferrule Material	Brass
RF Connector Contact Configuration	Captivated Contacts
RF Connector Center Contact Underplating Material	Copper, Nickel
RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Wire & Cable	Clamp
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Mechanical Attachment

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

Dimensions

RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]
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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

Lockwasher Material	Phosphor Bronze
Additional Features	Shrink Tubing
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 2025  
(247)  
Candidate List Declared Against: JAN 2019  
(197)  
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	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>

Also in the Series | SMA

Battery Holders(1)

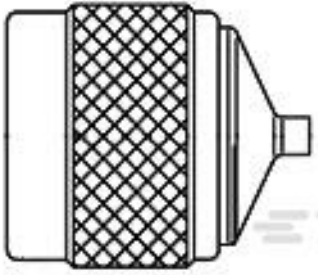
Connector Adapters & Connector Savers(8)

Connector Caps & Covers(3)

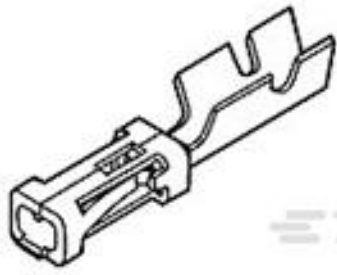
Connector Strain Relief(1)

RF Cable Assemblies(2)

Customers Also Bought



TE Part #1057088-1  
3001 7941 00



TE Part #1-87309-4  
MOD V RECP LP



TE Part #1410187-3  
MULTIGIG RT T2 7RW DC DF CT



TE Part #5745781-3  
09 MSFL RCPT RA 318 (IN,FM)



TE Part #1057676-1  
3104 7941 00



TE Part #1057159-1  
3004 7941 00



TE Part #CR3937-000  
55PC1122-14-9/96-9CS3296



TE Part #CR4108-000  
55PC1142-12-MST4-9CS3296



TE Part #CR9244-000  
55PC6291-24-MST6-9CS3296

TE Part #206504-2  
PLUG ASSY,78 POSN,AMPLIMITE

Documents

Product Drawings  
2034 5005 00

English

CAD Files  
3D PDF

3D

Customer View Model  
ENG\_CVM\_CVM\_1051933-1\_C.2d\_dxf.zip

English

Customer View Model  
ENG\_CVM\_CVM\_1051933-1\_C.3d\_igs.zip

English

Customer View Model  
ENG\_CVM\_CVM\_1051933-1\_C.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications



Product Specification for SMA connectors with flexible cable

English

Product Specification

English

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Instruction Sheets

Instruction Sheet (U.S.)

English