



Connectors > RF Connectors > Coax Connectors



RF Interface: **SMA**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **8.99 mm [ .354 in ]**

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Threaded**

## Features

### Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Jack
Connector & Contact Terminates To	Printed Circuit Board, Wire & Cable

### Configuration Features

PCB Mount Orientation	Edge
Number of Positions	1
Number of Coaxial Contacts	1

### Electrical Characteristics

Impedance	50 Ω
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### Body Features

Body Material	Stainless Steel
Body Material Finish	Passivated

### Contact Features

RF Connector Center Contact Underplating Material	Copper
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 PCB	Through Hole - Solder
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### Mechanical Attachment

Panel Mount Feature Type	Flange
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Panel Attachment Style	Rear Mount
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RF Connector Coupling Mechanism	Threaded
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Connector Mounting Type	Panel Mount
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RF Contact Captivation Method	Mechanical
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### Dimensions

Product Length	11.1 mm[.437 in]
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RF Connector Mated Outer Diameter (Approximate)	8.99 mm[.354 in]
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### Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 257 °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

Number of Panel Mounting Holes	4
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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
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2024 (241)  Candidate List Declared Against: JAN 2024 (240)  SVHC &gt; Threshold:  Pb (.6% in Component Part)</p> <p><b>Article Safe Usage Statements:</b>  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.</p>
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Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR
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/CFR/PVC Free

Solder Process Capability

Pin-in-Paste capable to 260°C

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 | AMP SMA



Battery Holders(1)



Coax Connectors(71)



Connector Adapters & Connector Savers(8)



Connector Caps & Covers(3)



Connector Hardware(2)



Connector Strain Relief(1)

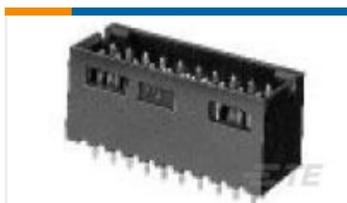


RF Cable Assemblies(2)

Customers Also Bought



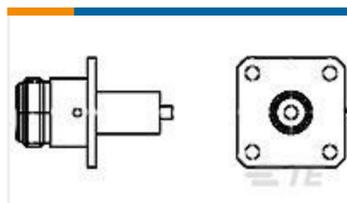
TE Part #1059566-1  
4551 1352 02



TE Part #6-102618-5  
34 MODII HDR DRST SHRD .100CL



TE Part #312605-000  
B-053-70-03



TE Part #1057290-1  
3052 1201 10,N SERIES FM PLUG



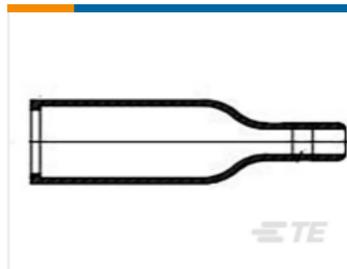
TE Part #528719-000  
D-500-0255-562-1



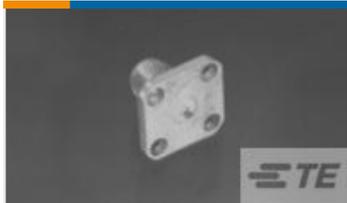
TE Part #ZPF000000000007412  
983-0S 18-31 SN



TE Part #182443-000  
RTD-50-M-02



TE Part #417597N002  
202D132-3-60-0-CS5077



TE Part #1052599-1  
2052 3100 00

## Documents

### Product Drawings

2054 1231 02

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1052982-1\\_A\\_c-1052982-1-a.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1052982-1\\_A\\_c-1052982-1-a.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1052982-1\\_A\\_c-1052982-1-a.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

SMA Connectors

English