



Connectors > RF Connectors > Coax 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 141, RG 142, RG 223, RG 303, RG 400, RG 55, RG 58**

Features

Product Type Features

Connector Seal & Plug Type	Gasket
Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Plug
Compatible With RF Cable Type	RG 141, RG 142, RG 223, RG 303, RG 400, RG 55, RG 58
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

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Body Material	Stainless Steel
Body Plating Material	Gold

Contact Features

Ferrule Material	Copper
RF Connector Contact Configuration	Captivated
RF Connector Center Contact Underplating Material	Copper
RF Connector Center Contact Plating Material	Gold (Au)
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

Housing Features

Body Orientation	Right Angle
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Dimensions

Product Length	16.92 mm[.666 in]
RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]

Operation/Application

Operating Frequency Range	12.4 GHz
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Packaging Features

Packaging Method	Carton
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Other

Additional Features	Shrink Tubing
Coupling Nut Base Material	Stainless Steel
Coupling Nut Plating Finish	Passivated
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	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2022 (223) 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>

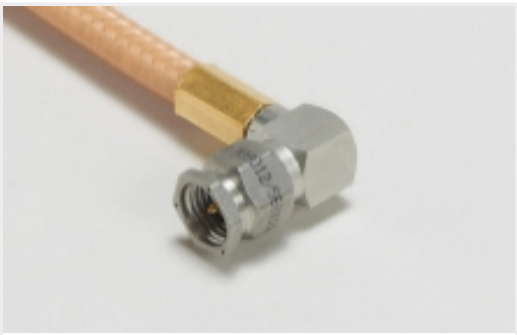
Also in the Series | SMA

Battery Holders(1)

Connector Adapters & Connector Savers(8)

Connector Caps & Covers(3)

Connector Strain Relief(1)

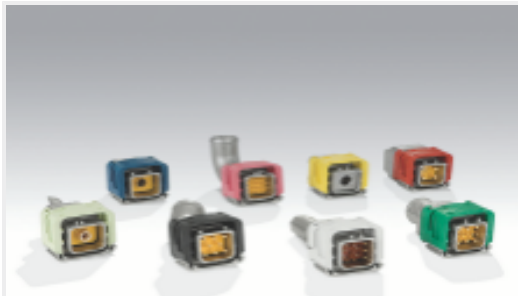


[RF Cable Assemblies\(121\)](#)

Customers Also Bought



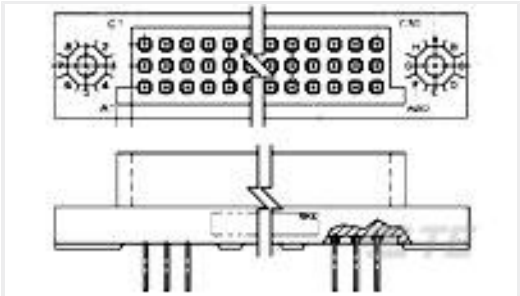
TE Part #236856-000
[SO96-3-01](#)



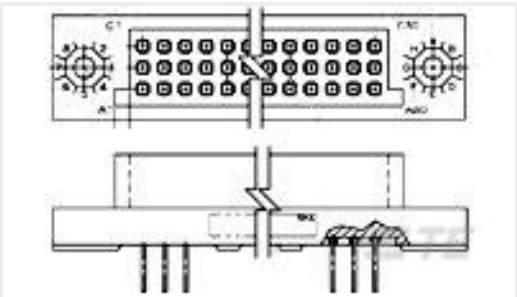
TE Part #ZPF000000000100854
[DMC-MD 20 B](#)



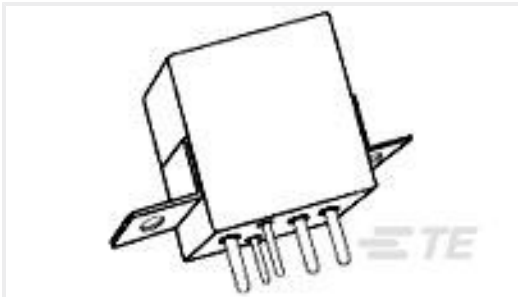
TE Part #5332610001
[TMS-SCE-3/16-2.0-4](#)



TE Part #448005-1
[3 ROW BOX RECP 180 POS 100C/L](#)



TE Part #448006-1
[3 ROW BOX RECP 120 POS](#)



TE Part #2-1617748-8
[FCA-125-22=M6106/19-022](#)



TE Part #1051151-1
[2007 7941 02,SMA RA CABLE PLUG](#)

Documents

Product Drawings

[2037 5005 02,SMA RA CABLE PLUG](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1052063-1_B_c-1052063-1-b.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1052063-1_B_c-1052063-1-b.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1052063-1_B_c-1052063-1-b.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

rf-connectors-product-refresh-phase-2

English

Instruction Sheets

Instruction Sheet (U.S.)

English

OSM Right Angle Cable Plug Solder Attachment 1052063-1, 1084245-1, and 1052062-1

English