



Connectors > RF Connectors > Coax Connectors



RF Interface: **SMA**

RF Connector Style: **Plug**

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

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 402 Semi-Rigid**

Features

Product Type Features

Connector Seal & Plug Type	Interfacial Seal
Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Plug
Compatible With RF Cable Type	RG 402 Semi-Rigid
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
Body Material	Stainless Steel
Body Material Finish	Passivated

Contact Features

Ferrule Plating Material	Nickel
RF Connector Contact Configuration	Not Captivated



RF Connector Center Contact Underplating Material	Nickel
Ferrule Material	Brass
RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Cable Mount (Free-Hanging)
RF Contact Captivation Method	Mechanical

Dimensions

Product Length	16 mm[.63 in]
RF Connector Mated Outer Diameter (Approximate)	8.99 mm[.354 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	Package
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Other

Grade	Military
Coupling Nut Base Material	Stainless Steel
Coupling Nut Plating Finish	Passivated
Military Category	B
Dielectric Material	PTFE

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 2025
(247)
SVHC > Threshold:
Pb (.6% in 74020097)

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)

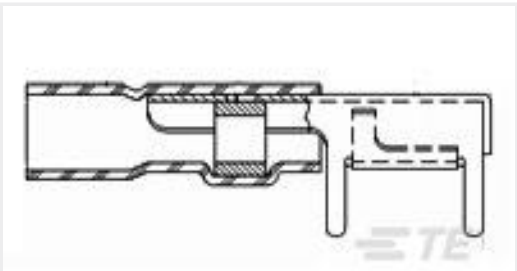
Connector Adapters & Connector Savers(8)

Connector Caps & Covers(3)

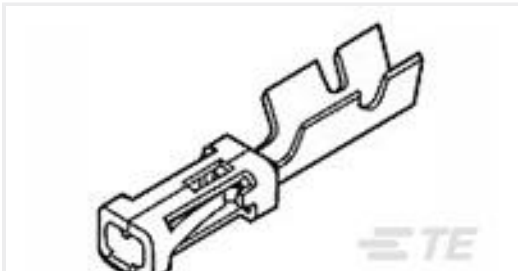
Connector Strain Relief(1)

RF Cable Assemblies(2)

Customers Also Bought



TE Part #601072-000
D-607-10



TE Part #87667-5
MOD IV RECP LP



TE Part #60123-2
RING 160 CRIMP TAB 26-20 AWG
TPBR



TE Part #5225555-6
TNC PLUG DUAL W/P TR



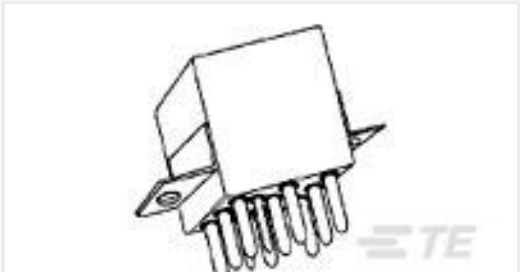
TE Part #650473-5
096 EURO TYPE C PIN ST ASSY



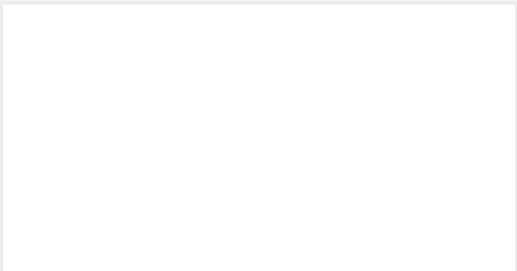
TE Part #620080-000
D-108-12



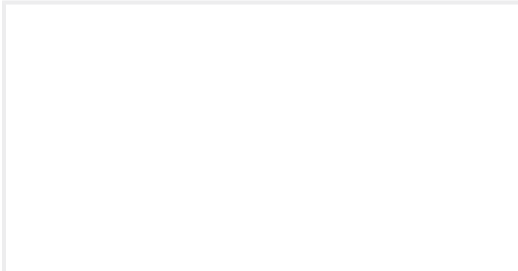
TE Part #208472-1
CMC PLUG ASSEMBLY,SZ 28



TE Part #5-1617753-0
FCA-325-BZ4



TE Part #2560-215-1631
CONT PIN



TE Part #6501550002
D-436-0127CS391

Documents

Product Drawings
SMA PLUG W/CC .141SR SS

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_227743-1_AL.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_227743-1_AL.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_227743-1_AL.3d_stp.zip

English

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

Product Specifications



Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English