



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 141, RG 142, RG 223, RG 303, RG 400, RG 55, RG 58**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Jack
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	No
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 Material	Copper
RF Connector Contact Configuration	Not 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

Dimensions

Product Length	28.58 mm[1.125 in]
RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]

Operation/Application

Operating Frequency	12.4 GHz
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Packaging Features

Packaging Method	Bag
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Other

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: JUNE 2024
(241)
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	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 Hardware(2)

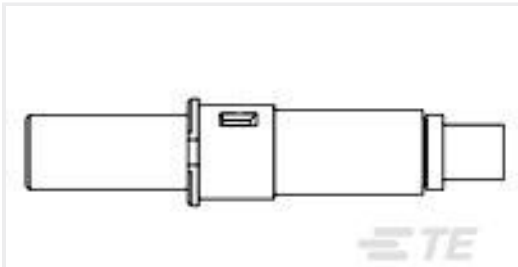
Connector Strain Relief(1)

RF Cable Assemblies(2)

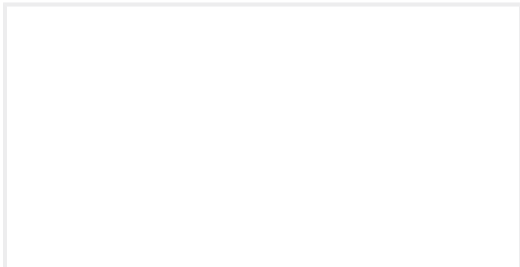
Customers Also Bought



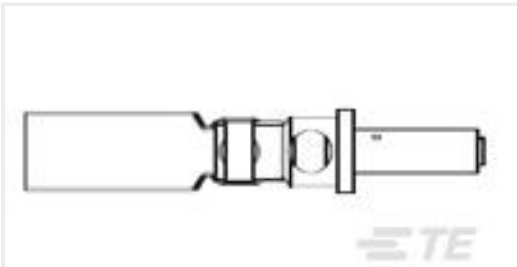
TE Part #312959-000
55A6262-20-9/96-9CS2275



TE Part #1445692-1
ASY,PIN,QUADRIX



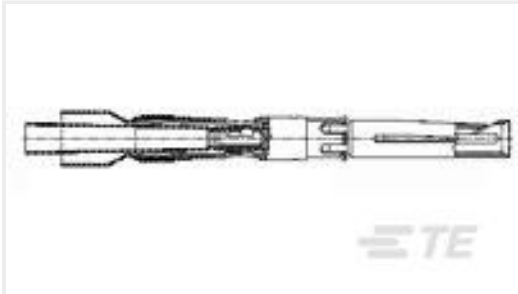
TE Part #600439N006
RD16A18-23-S6CS051/2



TE Part #126628-000
D-602-0173



TE Part #CB7765-000
RW-200-3/8-0-SP



TE Part #601038-000
D-602-55



TE Part #YDTS32T11NV0010000
CAP ASSEMBLY



TE Part #754073-000
TMS-RJS-RIBBON-4HT



TE Part #1050770-1
2001 7985 02,SMA CABLE PLUG



TE Part #YDTS20T21-16SNV001
RECP ASSY

Documents

Product Drawings
2032 5002 00

English

CAD Files
Customer View Model
ENG_CVM_1051852-1_A.3d_igs.zip

English

Customer View Model
ENG_CVM_1051852-1_A.3d_stp.zip

English

Customer View Model
ENG_CVM_1051852-1_A.2d_dxf.zip

English

3D PDF

English

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

Datasheets & Catalog Pages



SMA Connectors

English

Instruction Sheets

Instruction Sheet (U.S.)

English