

415484-1 ✓ ACTIVE

TE Internal #: 415484-1

RF Connectors, SMB RF Interface, Plug, RF Connector Mated Outer

Diameter (Approximate) .187 in [4.75 mm], 75 Ω

[View on TE.com >](#)



Connectors > RF Coax Connectors > RF Connectors



RF Interface: **SMB**

RF Connector Style: **Plug**

RF Connector Mated Outer Diameter (Approximate): **4.75 mm [.187 in]**

Impedance: **75 Ω**

Compatible With RF Cable Type: **RG 179, RG 187**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMB
RF Connector Style	Plug
Compatible With RF Cable Type	RG 179, RG 187
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	75 Ω
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Body Features

Body Shape	Circular
Cable Connector Orientation	Right Angle
Body Material	Zinc
Body Plating Material	Nickel
Body Underplating Material	Copper

Contact Features



RF Connector Center Contact Underplating Material	Nickel
RF Connector Center Contact Plating Material	Gold
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	Snap-Fit
Connector Mounting Type	Cable Mount (Free-Hanging)
RF Contact Captivation Method	Mechanical
Detent	With

Dimensions

RF Connector Mated Outer Diameter (Approximate)	4.75 mm [.187 in]
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Usage Conditions

Operating Temperature Range	-65 – 165 °C [-85 – 329 °F]
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Operation/Application

Operating Frequency	4 GHz
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Packaging Features

Packaging Method	Carton
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Other

Grade	Commercial
Outer Contact Plating Material	Nickel (Ni)

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (3.7% in Component Part) <small>Article Safe Usage Statements:</small>



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>

Compatible Parts

TE Part # 415504-4
JACK,PCB,MINI-SMB VERT 75 OHM

TE Part # 415490-1
JACK,PCB,MINI-SMB RTANG 75 OHM

TE Part # 415504-3
JACK,PCB,MINI-SMB VERT 75 OHM

TE Part # 415490-2
JACK,PCB,MINI-SMB RTANG 75 OHM

TE Part # 415490-3
JACK,PCB,MINI-SMB RTANG 75 OHM

TE Part # 415490-4
JACK,PCB,MINI-SMB RTANG 75 OHM

TE Part # 415504-2
JACK,PCB,MINI-SMB VERT 75 OHM

TE Part # 58483-1
TRIPLE HEX DIE ASSY SMB

TE Part # 58499-1
AMP PRO-CRIMPER ASSEMBLY

Customers Also Bought



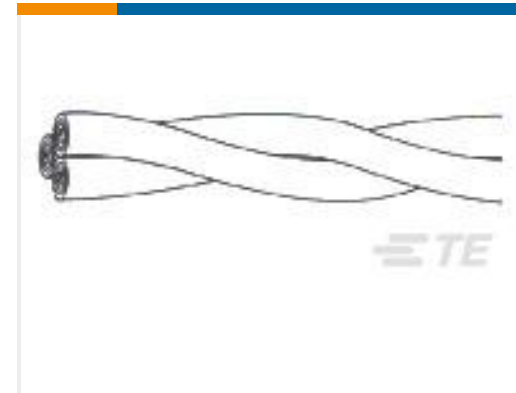
TE Part #808502-000
Low Profile Heat Shrink Boots: Poly Molded, Lipped, Straight



TE Part #622026-000
D-144-26



TE Part #650072N005
D-436-42CS352



TE Part #615857-000
55A0131-24-0/2/9



TE Part #550513-000
55A1114-26-9-9CS2275



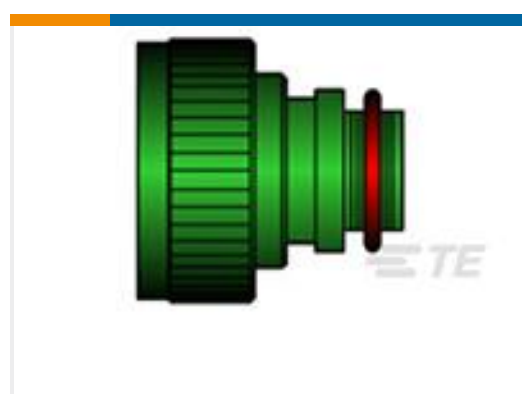
TE Part #YDTS32T09NV0010000
CAP ASSEMBLY



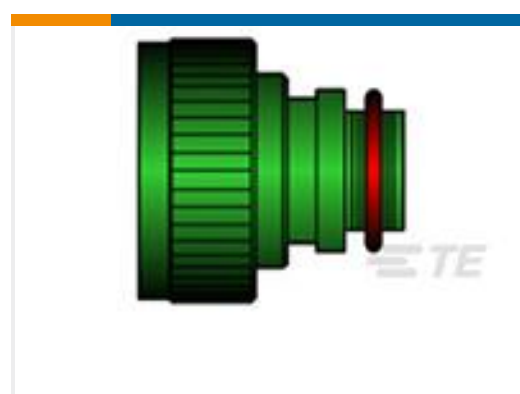
TE Part #D67481-000
NT-MIL-3/4-0-BULK-SP



TE Part #5054122017
RNF-100-3/16-GY-STK



TE Part #614763-000
TXR54AC00-1608BI



TE Part #768849-000
TXR54AC00-2014BI

Documents

Product Drawings

[PLUG,CBL,MINI-SMB RTANG 75 OHM](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_415484-1_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_415484-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_415484-1_E.3d_stp.zip](#)

English

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Product Specifications

75 Ohm Mini-SMB Series Coaxial Connector

English

Product Specification

English

Product Specification

Japanese

AMP Mini CT Connector 1.5mm Pitch (Crimp Type), Lead Free Version

Japanese

Instruction Sheets

Instruction Sheet (U.S.)

English