



Connectors > RF Connectors > Coax 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**

Features

Other

Outer Contact Plating Material	Nickel (Ni)
Grade	Commercial
Dielectric Material	PTFE
EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions

Contact Features

RF Connector Center Contact Underplating Material	Nickel
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMB
RF Connector Style	Plug
Compatible With RF Cable Type	RG 179
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Dimensions

RF Connector Mated Outer Diameter (Approximate)	4.75 mm[.187 in]
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Electrical Characteristics



Impedance	75 Ω
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Mechanical Attachment

RF Connector Coupling Mechanism	Snap-On
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	Without

Operation/Application

Operating Frequency	4 GHz
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Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Body Features

Cable Connector Orientation	Right Angle
Body Material	Zinc
Body Plating Material	Nickel

Termination Features

Termination Method to Wire & Cable	Crimp
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Packaging Features

Packaging Method	Carton
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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
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: JUL 2021 (219) 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>

Customers Also Bought



TE Part #204514-2
RECEPT ASSY,26 POSN,AMPLIMITE



TE Part #204516-2
RECEPT ASSY,SZ 3,AMPLIMITE



TE Part #205558-2
AMPLIMITE,ASY,PLUG,STD,109,2



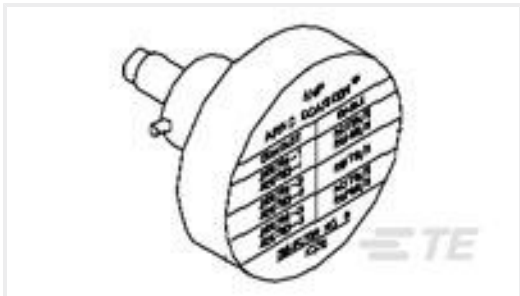
TE Part #205557-2
RECEPT ASSY,15 POSN,AMPLIMITE



TE Part #205556-2
AMPLIMITE,ASY,PLUG,STD,109,1



TE Part #1532210-1
M83513/01-BN, MCKS-N1-B-15PS



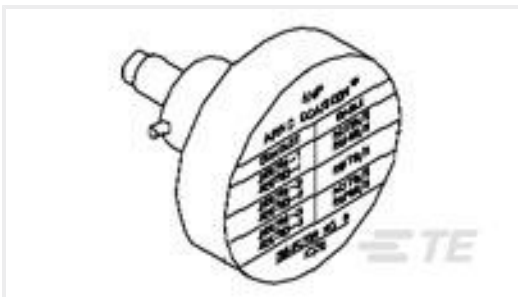
TE Part #601966-5
K13-1 POSITIONER



TE Part #601966-1
CRIMPING TOOL M22520/2-01



TE Part #91067-1
INSERTION/EXTRACTION TOOL



TE Part #601966-4
K-41 POSITIONER

Documents

Product Drawings
PLUG,CBL,RTANG,MINI-75 OHM SMB



English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5415484-1_B_c-5415484-1-b.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5415484-1_B_c-5415484-1-b.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5415484-1_B_c-5415484-1-b.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

SMB Connectors

English

Product Specifications

75 Ohm Mini-SMB Series Coaxial Connector

English

Product Specification

English