



TE Internal #: 414088-1
RF Connectors, BNC RF Interface, Jack, RF Connector Mated Outer
Diameter (Approximate) .572 in [14.53 mm], 75 Ω, Bayonet, 2GHz
Operating Frequency
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Connectors > RF Coax Connectors > RF Connectors



RF Interface: **BNC**
RF Connector Style: **Jack**
RF Connector Mated Outer Diameter (Approximate): **14.53 mm [.572 in]**
Impedance: **75 Ω**
RF Connector Coupling Mechanism: **Bayonet**

Features

Product Type Features

RF Interface	BNC
RF Connector Style	Jack
Connector System	Cable-to-Cable
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	1
PCB Mount Orientation	Vertical
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	75 Ω
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Body Features

Body Insulation	Without
Body Shape	Circular
Body Material	Zinc
Body Material Finish	Passivated
Body Plating Material	Nickel

Contact Features

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RF Connector Center Contact Underplating Material	Nickel
	1080 μin
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
Termination Post & Tail Length	5.33 mm[.21 in]

Mechanical Attachment

PCB Mount Retention	With
RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Board Mount
RF Contact Captivation Method	Mechanical
Detent	With

Dimensions

RF Connector Mated Outer Diameter (Approximate)	14.53 mm[.572 in]
Height Above PC Board	16.26 mm[.64 in]

Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
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Operation/Application

Operating Frequency	2 GHz
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Packaging Features

Packaging Method	Package
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Other

Grade	Commercial
Dielectric Material	PTFE

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
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 (40% 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>

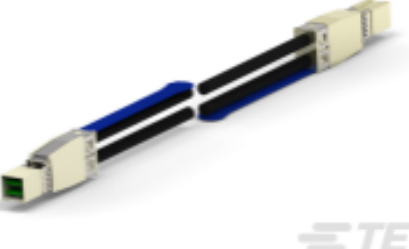
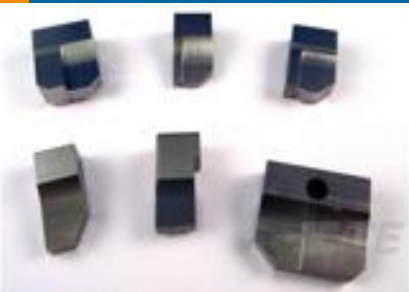
Compatible Parts

 TE Part # 221185-9 PLUG,75 OHM,COML BNC	 TE Part # 5-1634502-2 BNC Str Plg Hex 75Ohm Nickel Pltd RG59B/	 TE Part # 221185-5 PLUG,75 OHM,COML BNC	 TE Part # 221185-8 PLUG,75 OHM,COMMERCIAL BNC
 TE Part # 413589-2 KIT PLUG 75 OHM BNC HEX CRIMP	 TE Part # 413589-7 KIT PLUG 75 OHM BNC HEX CRIMP	 TE Part # 413589-9 KIT PLUG 75 OHM BNC HEX CRIMP	 TE Part # 2-221185-3 PLUG,75 OHM,COML BNC



 TE Part # 2-221185-6 PLUG, 75 OHM, COML BNC	 TE Part # 2-221185-9 PLUG, 75 OHM, COML BNC	 TE Part # 2-5221185-3 PLUG, 75 OHM, COML BNC	 TE Part # 2-5221185-6 PLUG, 75 OHM, COML BNC
 TE Part # 2-5413589-5 KIT, PLUG, COML BNC, HEX CRP, RA7000 CABLE	 TE Part # 2016080-2 JACK, PCB, COMMERCIAL BNC	 TE Part # 221185-1 PLUG 75 OHM COML BNC	 TE Part # 221185-2 PLUG, 75 OHM, COML BNC
 TE Part # 3-221185-1 PLUG, 75 OHM, COML BNC	 TE Part # 3-221185-4 PLUG, 75 OHM, COMMERCIAL BNC	 TE Part # 3-221185-6 PLUG, 75 OHM, COMM, BELDEN 633938	 TE Part # 3-5221185-1 PLUG, 75 OHM, COML BNC

Customers Also Bought

 TE Part #2273045-2 M12 A-CODE FEMALE STRAIGHT PIGTAIL	 TE Part #2-2337815-3 MINISAS HD TO MINISAS HD, 28AWG, 2M	 TE Part #2-2337815-5 MINISAS HD TO MINISAS HD, 28AWG, 4M	 TE Part #2337815-4 MINISAS HD TO MINISAS HD, 30AWG, 3M
 TE Part #2-5329458-1 BNC BHD JACK KIT	 TE Part #3-102898-6 04 MODII HDR SRST UNSHRD A/PIN	 TE Part #YDTS24W19-35SEV001 Jam Nut: D38999, 19-35 Insert	 TE Part #2-690512-7 COMB ANVIL



Documents

Product Drawings

RECEPTACLE,PRESS FIT,COML BNC

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_414088-1_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_414088-1_J.3d_igs.zip

English

Customer View Model

ENG_CVM_414088-1_J.3d_stp.zip

English

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Product Specifications

Application Specification

English