



TE Internal #: 5227661-1
BNC RF Interface, Jack, 50 Ω, Bayonet, 4 GHz Operating
Frequency, Cable-to-Board, 1 Position, Printed Circuit Board, Panel
Mount
[View on TE.com >](#)

Connectors > RF Connectors > Coax Connectors > BNC RF Connector: Male (Jack), Right Angle



RF Interface: **BNC**
RF Connector Style: **Jack**
RF Connector Mated Outer Diameter (Approximate): **14.53 mm [.572 in]**
Impedance: **50 Ω**
RF Connector Coupling Mechanism: **Bayonet**

[All BNC RF Connector: Male \(Jack\), Right Angle \(42\)](#)

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Right Angle
Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Body Material	Zinc
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Body Plating Material	Nickel
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Contact Features

RF Connector Center Contact Underplating Material	Nickel
RF Connector Center Contact Plating Material	Tin
RF Connector Center Contact Material	Phosphor Bronze

Termination Features

Termination Post & Tail Length	4.1 mm[.162 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

PCB Mount Retention	With
Panel Mount Feature Type	Lockwasher and Nut
Panel Attachment Style	Rear Mount
RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	With

Dimensions

Mounting Post Length	3.48 mm[.137 in]
Profile Height from PCB	15.88 mm[.625 in]
RF Connector Mated Outer Diameter (Approximate)	14.53 mm[.572 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-55 - 85 °C[-67 - 185 °F]

Operation/Application

Operating Frequency	4 GHz
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Packaging Features

Packaging Method	Tray
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Other

Grade	Commercial
Dielectric Material	Polymethylpentene

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

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 # 1-5227079-6
COMM BNC PLUG



TE Part # 5413779-3
COML BNC,50 OHM, HEX CRIMP



TE Part # 1-329631-2
JAM NUT, PLATED



TE Part # 5227169-5
BNC - SOLDER RECEPT



TE Part # 5227169-7
BNC SOLDER JACK RECEPTACLE



TE Part # 5227169-8
BNC - SOLDER RECEPT



TE Part # 5228979-7
JACK,COML,SERIES BNC,GOLD PL



TE Part # 5228980-7
JACK,BHD,COML,SERIES BNC,GOLD



TE Part # 1-5221128-7
PLUG,COMMERCIAL BNC



TE Part # 5227079-5
COMM BNC PLUG



TE Part # 5227079-6
COMM. BNC-PLUG



TE Part # 8-5227079-2
COMM BNC PLUG



TE Part # 1-5227079-1
COMM BNC PLUG



TE Part # 228979-7
JACK,COML,SERIES BNC,GOLD PL

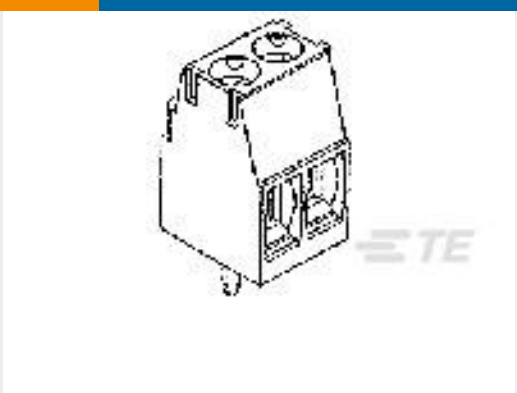


TE Part # 413779-3
COML BNC,50 OHM, HEX CRIMP



TE Part # 5228980-6
JACK,BHD,COML,SERIES BNC,GOLD

Customers Also Bought



TE Part # 1-284392-0
TERMI-BLOK PCB SIDE ENTRY STAC



TE Part # 6-2176093-0
RP 2A 0.25W 42K2 0.1% 25PPM 1K RL



TE Part # 9-2176091-0
RP 2A 0.25W 511R 0.1% 25PPM 1K RL



TE Part # 3-2176091-2
RP 2A 0.25W 121R 0.1% 25PPM 1K RL





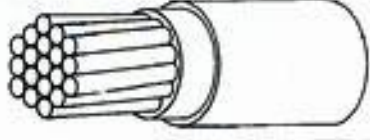
TE Part # 2-2176092-8
RP 2A 0.25W 1K33 0.1% 25PPM 1K RL



TE Part # 6-2176092-0
RP 2A 0.25W 3K16 0.1% 25PPM 1K RL



TE Part # 4-2176330-7
CRGP 2010 68K 1%



TE Part # 2820803007
44A0111-28-0



TE Part # 5822097-3
72 ME .050 L/P AU M/L PB-FREE

Documents

Product Drawings
BNC PCB RT ANGLE

English

CAD Files
3D PDF

English

Customer View Model
ENG_CVM_5227661-1_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_5227661-1_A.3d_igs.zip

English

Customer View Model
ENG_CVM_5227661-1_A.3d_stp.zip

English

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

Datasheets & Catalog Pages
BNC Connectors

English

Product Specifications
Product Specification

English

Product Specification

English



Instruction Sheets

Instruction Sheet (U.S.)

English