

5414217-1 ✓ ACTIVE

TE Internal #: 5414217-1

RF Connectors, BNC RF Interface, Jack, 75 Ω , Bayonet, 4 GHz

Operating Frequency, Cable-to-Board, 1 Position, Sealable, Wire & Cable, Panel Mount

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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

Connector Seal Type	Gasket
RF Interface	BNC
RF Connector Style	Jack
Connector System	Cable-to-Board
Sealable	Yes
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

Cable Connector Orientation	Straight
Body Material	Zinc



Body Plating Material	Nickel
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Contact Features

RF Connector Center Contact Underplating Material	Nickel
	762 μm

RF Connector Center Contact Plating Material	Gold
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RF Connector Center Contact Material	Phosphor Bronze
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Termination Features

Termination Method to Wire & Cable	Solder
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Mechanical Attachment

Panel Attachment Style	Rear Mount
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RF Connector Coupling Mechanism	Bayonet
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Connector Mounting Type	Panel Mount
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RF Contact Captivation Method	Mechanical
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Detent	Without
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Dimensions

RF Connector Mated Outer Diameter (Approximate)	14.53 mm[.572 in]
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Usage Conditions

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

Additional Features	Hardware Included
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Grade	Commercial
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Dielectric Material	Polymethylpentene
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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
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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	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 # 1-5227079-6 COMM BNC PLUG	TE Part # 5221221-5 JACK BLKHD 75OHM BNC	TE Part # 228979-7 JACK,COML,SERIES BNC,GOLD PL	TE Part # 413779-3 COML BNC,50 OHM, HEX CRIMP
TE Part # 221221-5 JACK BLKHD 75OHM BNC	TE Part # 228979-6 JACK,COML,SERIES BNC,GOLD PL	TE Part # 414265-3 PLUG, TWIST ON, COML BNC	TE Part # 5-1634511-3 BNC Str Jk Hex 50Ohm Nickel Pltd RG58C/U



Documents

Product Drawings

BNC SOLDER RCPT

English

CAD Files

Customer View Model

[ENG_CVM_5414217-1_O.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_5414217-1_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_5414217-1_O.3d_stp.zip](#)

English

3D PDF

English

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

Datasheets & Catalog Pages



BNC Connectors

English

Product Environmental Compliance

TE Material Declaration

English