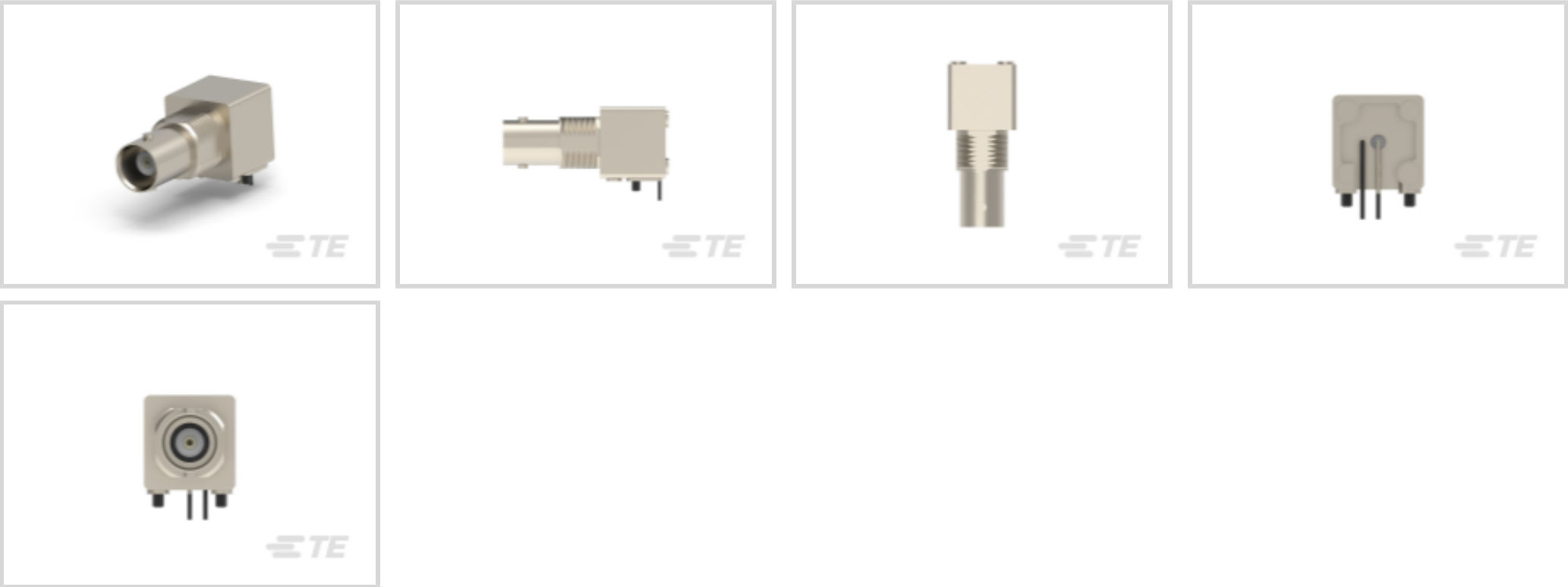




TE Internal #: 5222092-1
RF Connectors, BNC RF Interface, Jack, 75 Ω , Bayonet, 2 GHz
Operating Frequency, Cable-to-Board, 1 Position, Printed Circuit
Board, Panel Mount
[View on TE.com >](#)

Connectors > RF Coax Connectors > RF Connectors > BNC RF Connector: Jack, Right-Angle, 75 Ohm



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**

[All BNC RF Connector: Jack, Right-Angle, 75 Ohm \(17\)](#)

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	75 Ω
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Body Features

Body Material	Zinc
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Body Plating Material	Nickel
Contact Features	
RF Connector Center Contact Underplating Material	Nickel
	30 μin
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper
Termination Features	
Termination Post & Tail Length	10.92 mm[.43 in]
Termination Method to Printed Circuit Board	Through Hole - Solder
Mechanical Attachment	
Panel Attachment Style	Rear Mount
PCB Mount Retention	With
Panel Mount Feature Type	Lockwasher and Nut
RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	With
Dimensions	
Mounting Post Length	2.16 mm[.085 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	2 GHz
Packaging Features	
Packaging Method	Tray
Other	
RF Connector Comment	If an Insulating Bushing is required, see Part Number 330620.
Grade	Commercial



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
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 2022 (224) Candidate List Declared Against: JAN 2022 (223) 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

			
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 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
 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 # 5413959-3 BNC HEX RT ANG PLUG 50 OHM	 TE Part # 1-5221128-0 PLUG,COMMERCIAL BNC	 TE Part # 1-5413589-1 KIT PLUG 75 OHM BNC HEX CRIMP	 TE Part # 5227079-7 COMM. BNC-PLUG
 TE Part # 1-221128-0 PLUG,COMMERCIAL BNC	 TE Part # 413589-7 KIT PLUG 75 OHM BNC HEX CRIMP	 TE Part # 5221128-1 PLUG,COMMERCIAL BNC	 TE Part # 5221185-1 PLUG 75 OHM COML BNC

Documents

Product Drawings

JACK,RTANG,PCB,75 OHM,BNC

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5222092-1_B.2d_dxf.zip

English



Customer View Model

[ENG_CVM_CVM_5222092-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5222092-1_B.3d_stp.zip](#)

English

3D PDF

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[ENG_CVM_5222092-1_A.2d_dxf.zip](#)

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[ENG_CVM_5222092-1_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[BNC Connectors](#)

English

Product Specifications

[Product Specification](#)

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[Product Specification](#)

English

Product Environmental Compliance

[MD_5222092-1_122020162348_dmtec](#)

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[TE Material Declaration](#)

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Agency Approvals

[UL Report](#)

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