

222006-1 ACTIVE

TE Internal #: 222006-1

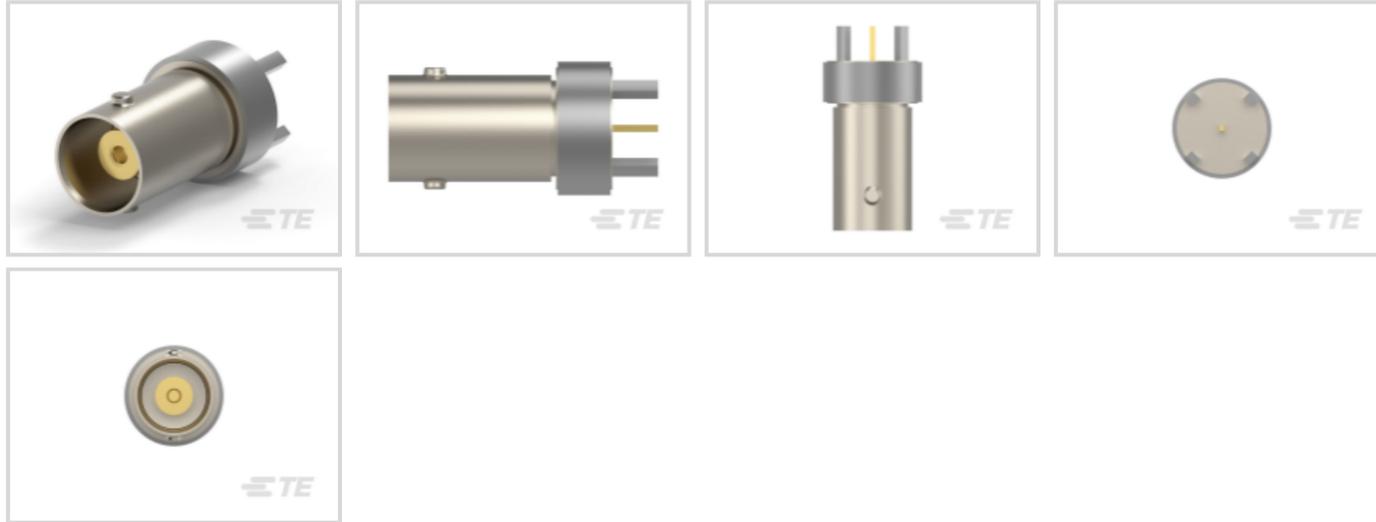
RF Connectors, BNC RF Interface, Jack, 50 Ω , Bayonet, 2 GHz

Operating Frequency, Cable-to-Cable, 1 Position, Printed Circuit Board, Board Mount

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Connectors > RF Coax Connectors > RF Connectors > BNC Vertical Jack RF Connector, 50 Ohm, Bayonet Coupling Mechanism



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 Vertical Jack RF Connector, 50 Ohm, Bayonet Coupling Mechanism \(32\)](#)

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Vertical
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
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1080 μin

RF Connector Center Contact Plating Material	Gold
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RF Connector Center Contact Material	Beryllium Copper
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Termination Features

Termination Post & Tail Length	4.19 mm[.165 in]
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Termination Method to Printed Circuit Board	Through Hole - Press-Fit
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Mechanical Attachment

PCB Mount Retention	With
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RF Connector Coupling Mechanism	Bayonet
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Connector Mounting Type	Board Mount
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RF Contact Captivation Method	Mechanical
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Detent	Without
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Dimensions

Profile Height from PCB	20.57 mm[.81 in]
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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	-65 – 125 °C[-85 – 257 °F]
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Operation/Application

Operating Frequency	2 GHz
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Packaging Features

Packaging Method	Tube
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Other

Grade	Commercial
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Dielectric Material	PTFE
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Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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	<p>Current ECHA Candidate List: JUNE 2022 (224)</p> <p>Candidate List Declared Against: JAN 2022 (223)</p> <p>SVHC > Threshold: Pb (13% in component part)</p> <p>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.</p>
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 # 2016080-2
JACK,PCB,COMMERCIAL BNC



TE Part # 5414265-3
PLUG, TWIST ON, COML BNC



TE Part # 5413959-3
BNC HEX RT ANG PLUG 50 OHM



TE Part # 1-221128-0
PLUG,COMMERCIAL BNC



Documents

Product Drawings

[RECEPTACLE,PRESS FIT,COML BNC](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_222006-1_L.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_222006-1_L.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_222006-1_L.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English