

5222420-1 ✓ ACTIVE



BNC

TE Internal #: 5222420-1

BNC Connector, Jack, 50 ohm, Bayonet, 4 GHz, Cable-to-Board, 1 Position, Printed Circuit Board, Panel Mount, -55 – 85 °C [-67 – 185 °F], Brass, BNC

[View on TE.com >](#)

Connectors > RF Connectors > Coax 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 \(25\)](#)

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	Vertical
Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features



Body Material	Brass
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Body Plating Material	Nickel
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Contact Features

	5080 μin
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RF Connector Center Contact Underplating Material	Copper, Nickel
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RF Connector Center Contact Plating Material	Silver (Ag)
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RF Connector Center Contact Material	Phosphor Bronze
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Termination Features

Termination Method to PCB	Through Hole - Solder
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Termination Post & Tail Length	4.45 mm [.175 in]
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Mechanical Attachment

PCB Mount Retention	Without
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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	With
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Dimensions

Profile Height from PCB	16.64 mm [.655 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	-55 – 85 °C [-67 – 185 °F]
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Operation/Application

Operating Frequency Range	4 GHz
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Packaging Features

Packaging Method	Tray
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Other

Grade	Commercial
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Dielectric Material	PBT
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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	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 2025 (250) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (4% 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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

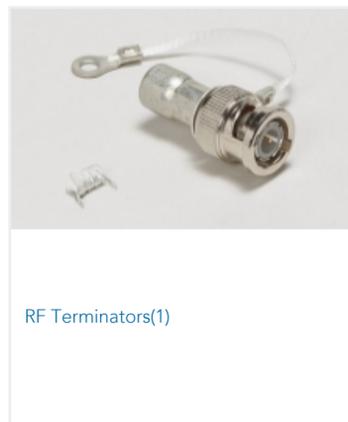
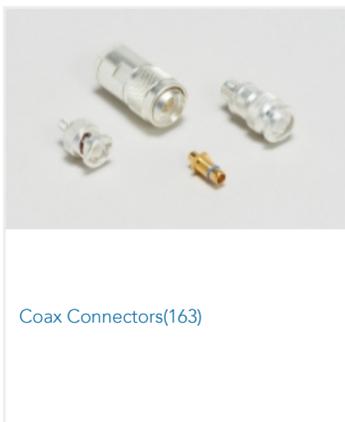
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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





Also in the Series | **BNC**



Customers Also Bought



TE Part #5-146252-3
06 MODII HDR DRST B/A .100 LF



TE Part #1-338070-0
MICRO-MATCH FEM.SE



TE Part #9-338728-0
MICROM. MOB SMD CON



TE Part #1734303-1
SHIELD FINGER 4025B-T



TE Part #7-1879216-1
CPF 0402 232K 0.1% 25PPM 5K RL



TE Part #3-2176217-9
CPF A 0805 2K4 0.1% 25PPM 1K RL



TE Part #5-2176217-3
CPF A 0805 18K 0.1% 25PPM 1K RL



TE Part #5-2176238-9
CPF A 0805 33K 0.1% 25PPM 5K RL



TE Part #2205065-3
CA MICRO-MATCH MOW-MOW
14POS



TE Part #5102322-4
A/L UNIV HDR 20P RA LAT

Documents

Product Drawings

JACK, VERT, PCB, COML BNC

English

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_5222420-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_5222420-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_5222420-1_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