



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, Nickel
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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

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

Termination Features

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

Mechanical Attachment

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

Dimensions

Profile Height from PCB	16.64 mm[.655 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

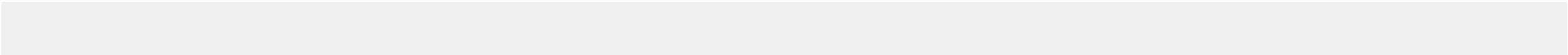
Packaging Method	Tray
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Other

Grade	Commercial
Dielectric Material	PBT

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 2025 (247) 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



TE Part # 4-5225395-2
PLUG,DUAL CRIMP, BNC



TE Part # 5225398-7
BNC DUAL CRIMP JACJ



TE Part # 1-5221128-0
PLUG,COMMERCIAL BNC



TE Part # 5225395-5
BNC PLUG DUAL CP RG141



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



TE Part # 1-5227079-6
COMM BNC PLUG



TE Part # 5225395-1
BNC PLUG DUAL CRIMP RG58,A,B,C



TE Part # CAT-076-BNCJK4GMG
BNC RF Connector Jack Kit, 50 Ohm, 4 Ghz, Military Grade



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



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



TE Part # 2-5221128-3
PLUG,COMMERCIAL BNC



TE Part # 5225395-8
BNC PLUG DUAL CRIMP RG179, 187



TE Part # 5225398-1
BNC DUAL CRIMP RG58, A,B,C



TE Part # 8-5227079-2
COMM BNC PLUG



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



TE Part # 2-221128-3
PLUG,COMMERCIAL BNC



TE Part # 331182
BNC PLUG RT ANG CRIMPABLE TEF



TE Part # CAT-076-BNCPK4GMG
BNC RF Connector: Plug Kit, Straight, 4 GHz, Military Grade



TE Part # 2-5330061-1
BNC PLUG



TE Part # 5225396-7
BNC JACK DUAL CP RG174,188

Customers Also Bought



TE Part #3-106507-2
25P.HDP20 REC.ASSY.



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



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



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



TE Part #CAT-M5833-C1121
MICRO-MATCH STD MOW TO MOW CABLE ASSY



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



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



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



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

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Datasheets & Catalog Pages

[BNC Connectors](#)

English

Product Specifications

[Product Specification](#)

English

[Product Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English