



**BNC**

TE Internal #: 5413969-2

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

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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	Zinc
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Body Plating Material	Tin
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### Contact Features

	1080 µin
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RF Connector Center Contact Underplating Material	Nickel
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RF Connector Center Contact Plating Material	Gold (Au)
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RF Connector Center Contact Material	Beryllium Copper
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### Termination Features

Termination Method to PCB	Through Hole - Solder
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Termination Post & Tail Length	3.3 mm[.13 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	Board 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	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	-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	Carton
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### Other

Grade	Commercial
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Dielectric Material	Polytetrafluoroethylene (PTFE)
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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 2025 (250) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (.6% in Component Part) <b>Article Safe Usage Statements:</b> 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 Bromine/Chlorine - Br and Cl < 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





TE Part # 5227169-8  
BNC - SOLDER RECEPT



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



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



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



TE Part # 5227079-1  
COMM BNC PLUG



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



TE Part # 8-5227079-2  
COMM BNC PLUG



TE Part # 5227079-6  
COMM. BNC-PLUG



TE Part # 1-5227079-1  
COMM BNC PLUG



TE Part # 5227079-2  
COMM BNC PLUG



TE Part # 5227079-7  
COMM. BNC-PLUG



TE Part # CAT-076-BNCJKSH50  
BNC RF Connector: jack assembly - short, 50 Ohm, 4Ghz



TE Part # 5413771-3  
JACK BLKHD,COML BNC,HEX CRIMP



TE Part # 5221128-1  
PLUG,COMMERCIAL BNC



TE Part # CAT-076-BNCJKISG50  
BNC RF Connector: Jack Assembly, Isolated Ground Protection, 50 Ohm

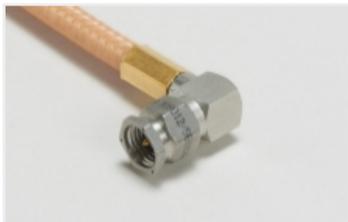


TE Part # 1-5221128-0  
PLUG,COMMERCIAL BNC

Also in the Series | **BNC**



Coax Connectors(163)



RF Cable Assemblies(25)



RF Terminators(1)

Customers Also Bought



## Documents

### Product Drawings

JACK,PCB,VERT,COMMERCIAL BNC

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_5413969-2\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5413969-2\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5413969-2\\_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

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## Product Specifications

### Product Specification

English

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## Instruction Sheets

### Instruction Sheet (U.S.)

English