



**BNC**

TE Internal #: 5227222-3

BNC Connector, Jack, 50 ohm, Bayonet, 4 GHz, Cable-to-Board / Cable-to-Panel, 1 Position, Printed Circuit Board, Panel Mount, 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, Cable-to-Panel
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	Polyester PBT
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Body Material Finish	Passivated
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Body Plating Material	Nickel
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### Contact Features

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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	Phosphor Bronze
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### Termination Features

Termination Method to PCB	Through Hole - Solder
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Termination Post & Tail Length	5.33 mm[.21 in]
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### Mechanical Attachment

Panel Attachment Style	Rear Mount
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PCB Mount Retention	With
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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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### Housing Features

Housing Color	White
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### Dimensions

Mounting Post Length	3.48 mm[.137 in]
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Profile Height from PCB	34.93 mm[1.375 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	Tube
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### Other



Grade	Commercial
Dielectric Material	Polymethylpentene

### 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: JAN 2025 (247) SVHC > Threshold: Pb (3.7% in 74019106) <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	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 # 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 # CAT-076-BNCJKISG50  
BNC RF Connector: Jack Assembly, Isolated Ground Protection, 50 Ohm



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



TE Part # 1-329631-2  
JAM NUT, PLATED



TE Part # 1-5227079-6  
COMM BNC PLUG



TE Part # 5413779-3  
COML BNC,50 OHM, HEX CRIMP



TE Part # 5227169-7  
BNC SOLDER JACK RECEPTACLE



TE Part # 5228980-7  
JACK,BHD,COML,SERIES BNC,GOLD



TE Part # 5227426-1  
BNC BLKHD RECPT SEALED



TE Part # 5227169-5  
BNC - SOLDER RECEPT



TE Part # 5227079-5  
COMM BNC PLUG



TE Part # 5227169-8  
BNC - SOLDER RECEPT



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



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

Also in the Series | **BNC**



Coax Connectors(163)



RF Cable Assemblies(25)



RF Terminators(1)

Customers Also Bought



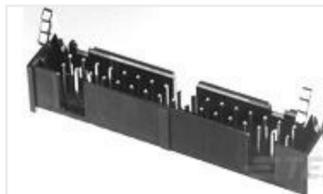
TE Part #5-102523-3  
05 MODII HDR SRRA SHRD .100CL



TE Part #5-146250-5  
10 MODII HDR DRST B/A .100CL



TE Part #5-146256-6  
12 MODII HDR DRST B/A .100CL LF



TE Part #2-1761606-8  
IDC LOW PRO HDR 24P VERT LA



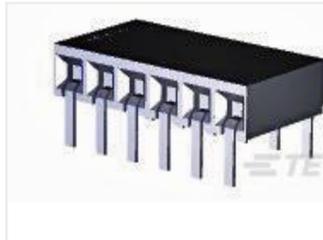
TE Part #2330274-2  
SSRDC-200D25 = Hokey Puck, 25A,  
200V DC



TE Part #CAT-AM74-UN384H  
AMP-LATCH UNIVERSAL HEADERS



TE Part #5148103-1  
ASSY, PIN, EUROCARD, TYPE B, LEAD-



TE Part #5535676-5  
06 MODII HORZ SR CE 100CL



TE Part #144131-E  
ERMBGR BS GSEFB \* LP32 \* ERMET-  
BAUSATZ F

## Documents

### Product Drawings

[VERT JK W/MTG PINS, BNC PCB](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_5227222-3\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5227222-3\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5227222-3\\_C.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages



**BNC Connectors**

English

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**Product Specifications**

**Product Specification**

English

**Product Specification**

English

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**Instruction Sheets**

**Instruction Sheet (U.S.)**

English