

5227222-2 ✓ ACTIVE

TE Internal #: 5227222-2

RF Connectors, BNC RF Interface, Jack, 50  $\Omega$ , Bayonet, 4 GHz

Operating Frequency, Cable-to-Panel / Cable-to-Board, 1 Position,  
Printed Circuit Board

[View on TE.com >](#)



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  $\Omega$**

RF Connector Coupling Mechanism: **Bayonet**

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

## 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 $\Omega$
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### Body Features

Body Material	Polyester, PBT
Body Material Finish	Passivated
Body Plating Material	Nickel

### Contact Features

RF Connector Center Contact Underplating Material	Nickel
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5080 μin

RF Connector Center Contact Plating Material

Tin

RF Connector Center Contact Material

Phosphor Bronze

### Termination Features

Termination Post &amp; Tail Length

5.33 mm[.21 in]

Termination Method to Printed Circuit Board

Through Hole - Solder

### Mechanical Attachment

Panel Attachment Style

Rear Mount

PCB Mount Retention

With

RF Connector Coupling Mechanism

Bayonet

Connector Mounting Type

Panel Mount

RF Contact Captivation Method

Mechanical

Detent

With

### Housing Features

Housing Color

Black

### Dimensions

Mounting Post Length

3.48 mm[.137 in]

Profile Height from PCB

34.93 mm[1.375 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

### Packaging Features

Packaging Method

Tube

### Other

RF Connector Comment

If an Insulating Bushing is required, see Part Number 330620., Lockwasher and Jam Nut must be ordered separately.

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	<p>Current ECHA Candidate List: JUNE 2022 (224)</p> <p>Candidate List Declared Against: JUNE 2022 (224)</p> <p>SVHC &gt; Threshold: Pb (3.7% in Component Part)</p> <p><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.</p>
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

 <p>TE Part # 5227426-1 BNC BLKHD RECPT SEALED</p>	 <p>TE Part # 1-329631-2 JAM NUT, PLATED</p>
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## Documents

### Product Drawings

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

English



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**CAD Files**

**3D PDF**

3D

**Customer View Model**

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

English

**Customer View Model**

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

English

**Customer View Model**

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

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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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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**Product Environmental Compliance**

**VERT JK W/MTG PINS, BNC PCB**

English

**VERT JK W/MTG PINS, BNC PCB**

English

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**Instruction Sheets**

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

English