

5227169-5 ✓ ACTIVE

TE Internal #: 5227169-5

RF Connectors, BNC RF Interface, Jack, RF Connector Mated Outer Diameter (Approximate) .572 in [14.53 mm], 50 Ω, Bayonet, 4GHz Operating Frequency

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Connectors > RF Coax Connectors > RF Connectors



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**

## Features

### Product Type Features

RF Interface	BNC
RF Connector Style	Jack
Connector System	Cable-to-Cable
Sealable	No
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

### Electrical Characteristics

Impedance	50 Ω
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### Body Features

Body Insulation	Without
Cable Connector Orientation	Straight
Body Material	Zinc
Body Plating Material	Nickel

### Contact Features

RF Connector Center Contact Underplating Material	Nickel
	5080 μin



RF Connector Center Contact Plating Material	Tin
RF Connector Center Contact Material	Phosphor Bronze

### Termination Features

Termination Method to Wire & Cable	Solder Terminal
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### Mechanical Attachment

Panel Attachment Style	Front Mount
RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	With

### Dimensions

Panel Thickness (Recommended)	1.17 – 6.35 mm [.046 – .25 in]
RF Connector Mated Outer Diameter (Approximate)	14.53 mm [.572 in]

### Usage Conditions

Operating Temperature Range	-65 – 165 °C [-85 – 329 °F]
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### Operation/Application

Operating Frequency	4 GHz
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### Packaging Features

Packaging Method	Carton
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### Other

Grade	Commercial
Comment	Includes solder terminal and jam nut
Dielectric Material	VALOX

### 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 2021 (211) Candidate List Declared Against: JAN 2021 (211)



SVHC > Threshold:

Pb (3.7% 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

Not applicable for solder process capability

**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 # CAT-076-BNCJKISG50  
BNC RF Connector: Male (Jack) Assembly, Isolated Ground Protection, 50 Ohm



TE Part # CAT-076-BNCVTBAY  
BNC Vertical Male (Jack) RF Connector, 50 Ohm, Bayonet Coupling Mechanism



TE Part # CAT-076-BNCRABAY  
BNC Right Angle M Jack RF Connector, 50 Ohm, Bayonet Coupling Mechanism



TE Part # CAT-076-BNCJKSH50  
BNC RF Connector: Male (Jack) assembly - short, 50 Ohm, 4Ghz



TE Part # 1-1337543-0  
BNC Ins R/A PCB Skt 50Ohm White



TE Part # 1-1337494-0  
BNC R/A Shld PCB Skt 50Ohm Nickel Pltd



TE Part # 2-5221128-1  
PLUG,COMMERCIAL BNC



TE Part # 1-1634612-0  
BNC Ins R/A PCB Skt 50Ohm Black

TE Part # 5-1634500-2  
BNC Str Plg Hex 50Ohm Nickel Pltd RG58C/

TE Part # 5-1634503-1  
BNC Str PCB Skt 50Ohm Nickel Pltd

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

TE Part # 5-1634556-0  
BNC LP ELBOW B/HEAD PCB SKT 50 OHMS 6.15

TE Part # 5413589-7  
KIT,PLUG,COML BNC,HEX CRP

TE Part # 5413515-2  
JACK,DECOUPLER,RTANG,BNC PCB

TE Part # 5413515-9  
JACK,DECOUPLER,RTANG,BNC PCB

TE Part # 330876  
BNC PLUG

TE Part # 6274315-1  
BNC JACK, NONSWITCHING

TE Part # 2-5221128-7  
PLUG,COMMERCIAL BNC

TE Part # 2-5225395-0  
BNC PLUG DUAL CRIMP TR

TE Part # 5-1634500-1  
BNC Str Plg Hex 50Ohm Nickel Plated RG17

### Customers Also Bought

TE Part #1-2007492-8  
SFP+ Stacked Cage Assemblies

TE Part #1-206062-4  
CPC CABLE CLAMPS

TE Part #1054874-1  
2084 1100 00

TE Part #1-1658526-1  
609-1641LF FEM SOCKET,LEAD FREE

TE Part #1052634-1  
2052 3356 02

TE Part #1053354-1  
2062 0000 00,SMA PCB VERT JACK

TE Part #1-2176091-5  
RP 2A 0.25W 80R6 0.1% 25PPM 1K RL

TE Part #1052523-1  
2052 1201 02,SMA FM JACK RECPT



## Documents

### Product Drawings

#### BNC - SOLDER RECEIPT

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5227169-5\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5227169-5\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5227169-5\\_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