



**BNC**

TE Internal #: 5227726-1

BNC Connector, Jack, 50 ohm, Bayonet, 4 GHz, Cable-to-Board, 1 Position, Wire & Cable, Panel Mount, -55 – 85 °C [-67 – 185 °F], Solder, Straight, BNC

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Connectors > RF Connectors > Coax Connectors > BNC RF Connector: Jack Assembly, Isolated Ground Protection, 50 Ohm



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 RF Connector: Jack Assembly, Isolated Ground Protection, 50 Ohm \(3\)](#)

**Features**

**Product Type Features**

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

**Configuration Features**

Number of Positions	1
Number of Coaxial Contacts	1

**Electrical Characteristics**

EMI & RFI Protection & Suppression Type	Isolated Ground
Impedance	50 Ω

**Body Features**



Body Material	Zinc
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Body Plating Material	Nickel
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### Contact Features

	5080 μin
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RF Connector Center Contact Underplating Material	Nickel
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RF Connector Center Contact Plating Material	Tin (Sn)
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RF Connector Center Contact Material	Phosphor Bronze
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### Termination Features

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

Panel Attachment Style	Front Mount
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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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Body Orientation	Straight
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### Dimensions

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	PBT
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## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (13% in 4690971273) <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	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

 <p>TE Part # 1-5221128-7 PLUG,COMMERCIAL BNC</p>	 <p>TE Part # 6274315-1 BNC JACK, NONSWITCHING</p>	 <p>TE Part # 8-5227079-2 COMM BNC PLUG</p>	 <p>TE Part # CAT-076-BNCRABAY BNC RF Connector: Male (Jack), Right Angle</p>
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TE Part # 5413515-2  
JACK,DECOUPLER,RTANG,BNC PCB



TE Part # 5227079-1  
COMM BNC PLUG



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



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



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



TE Part # ADP-BNCF-BNCF  
BNC Jack to BNC Jack



TE Part # 5227079-2  
COMM BNC PLUG



TE Part # 5227079-6  
COMM. BNC-PLUG



TE Part # 1-5227079-1  
COMM BNC PLUG



TE Part # ADP-BNCF-BNCF-B  
BNC Jack to BNC Jack Bulkhead



TE Part # ADP-BNCM-BNCF-R  
BNC Plug to BNC Jack RA



TE Part # 5227079-7  
COMM. BNC-PLUG



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



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



TE Part # 5221128-1  
PLUG,COMMERCIAL BNC



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

Also in the Series | **BNC**



Coax Connectors(166)



RF Cable Assemblies(25)



RF Terminators(1)

Customers Also Bought



## Documents

### Product Drawings

#### ISOLATED BNC SOLDER JACK ASSY

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5227726-1\\_B.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5227726-1\\_B.3d\\_igs.zip](#)

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English

#### 3D PDF

English



**Customer View Model**

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English

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**Datasheets & Catalog Pages**

[BNC Connectors](#)

English