



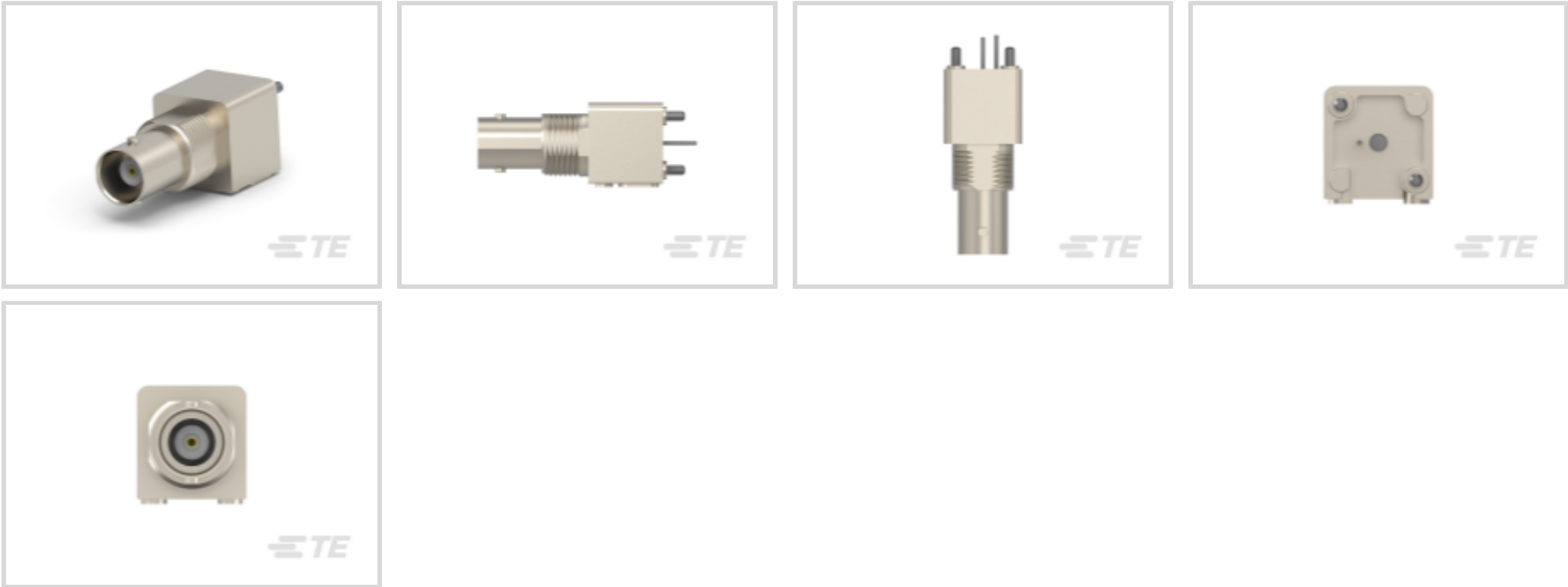
BNC

TE Internal #: 5227671-1

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

Body Features

|  |  |
|--|--|
|  |  |
|--|--|



|                       |        |
|-----------------------|--------|
| Body Material         | Zinc   |
| Body Plating Material | Nickel |

Contact Features

|                                                   |                 |
|---------------------------------------------------|-----------------|
|                                                   | 5080 μin        |
| RF Connector Center Contact Underplating Material | Nickel          |
| RF Connector Center Contact Plating Material      | Tin (Sn)        |
| RF Connector Center Contact Material              | Phosphor Bronze |

Termination Features

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

Mechanical Attachment

|                                 |                    |
|---------------------------------|--------------------|
| Panel Attachment Style          | Rear Mount         |
| PCB Mount Retention             | With               |
| Panel Mount Feature Type        | Lockwasher and Nut |
| RF Connector Coupling Mechanism | Bayonet            |
| Connector Mounting Type         | Panel Mount        |
| RF Contact Captivation Method   | Mechanical         |
| Detent                          | Without            |

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 Range | 4 GHz |
|---------------------------|-------|

Packaging Features

|                  |      |
|------------------|------|
| Packaging Method | Tube |
|------------------|------|

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 | 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)<br>Candidate List Declared Against: JUNE 2024 (241)<br>SVHC > Threshold:<br>Pb (3.7% in Component Part)<br><b>Article Safe Usage Statements:</b><br>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 Halogen - Br, Cl, F < 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 # 1-5221128-7  
PLUG,COMMERCIAL BNC



TE Part # 8-5227079-2  
COMM BNC PLUG



TE Part # 5227079-1  
COMM BNC PLUG



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



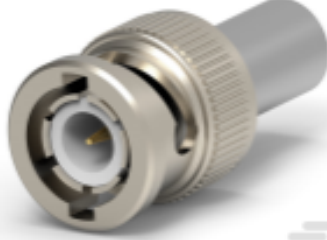
TE Part # 2-5221128-3  
PLUG,COMMERCIAL BNC



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



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



TE Part # 1-221128-0  
PLUG,COMMERCIAL BNC



TE Part # 1-5227079-6  
COMM BNC PLUG



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



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



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



TE Part # 5227169-7  
BNC SOLDER JACK RECEPTACLE



TE Part # ADP-BNCF-BNCF-T  
BNC Plug to BNC Jack (2) Tee



TE Part # ADP-BNCF-BNCF-T-2  
BNC Plug to BNC Jack (2) Tee



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

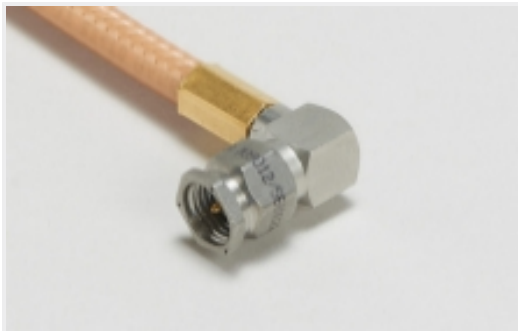


TE Part # ADP-BNCF-BNCF-R  
BNC Plug to BNC Jack RA

Also in the Series | **BNC**



Coax Connectors(166)



RF Cable Assemblies(25)



RF Terminators(1)

Customers Also Bought



Documents

Product Drawings

BNC PCB VERTICAL W/PINS

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_5227671-1\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_5227671-1\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_5227671-1\_B.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

Product Specification

English



Surface Mount Smart Card Connector

English

Instruction Sheets

Instruction Sheet (U.S.)

English