



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, Zinc  
[View on TE.com >](#)

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

|                             |          |
|-----------------------------|----------|
| 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 (Sn)        |
| RF Connector Center Contact Material              | Phosphor Bronze |

Termination Features

|                                    |        |
|------------------------------------|--------|
| Termination Method to Wire & Cable | Solder |
|------------------------------------|--------|

Mechanical Attachment

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

Housing Features

|               |       |
|---------------|-------|
| Housing Color | White |
|---------------|-------|

Dimensions

|                                                 |                   |
|-------------------------------------------------|-------------------|
| 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 | Carton |
|------------------|--------|

Other

|                     |            |
|---------------------|------------|
| Grade               | Commercial |
| Dielectric Material | PBT        |

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 | Restricted Materials Above Threshold                                                                                                                                                                                                                                                                                                                                                                                    |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>SVHC > Threshold:<br>Pb (13% in 4690971273)<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                               | 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-BNCVTBAY  
BNC Vertical Jack RF Connector, 50 Ohm, Bayonet Coupling Mechanism



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



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



TE Part # 1-5227079-6  
COMM BNC PLUG



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



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



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



TE Part # 5227169-4  
BNC - SOLDER RECEPT



TE Part # 5227169-7  
BNC SOLDER JACK RECEPTACLE



TE Part # 5227079-7  
COMM. BNC-PLUG



TE Part # 5330876  
BNC PLUG



TE Part # 5221128-1  
PLUG,COMMERCIAL BNC



TE Part # 1-5227079-1  
COMM BNC PLUG



TE Part # CAT-076-BNCJKISG50  
BNC RF Connector: Jack Assembly, Isolated Ground Protection, 50 Ohm



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



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

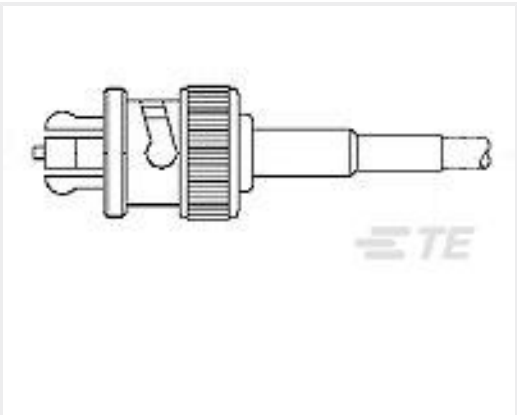


TE Part # 5227079-6  
COMM. BNC-PLUG

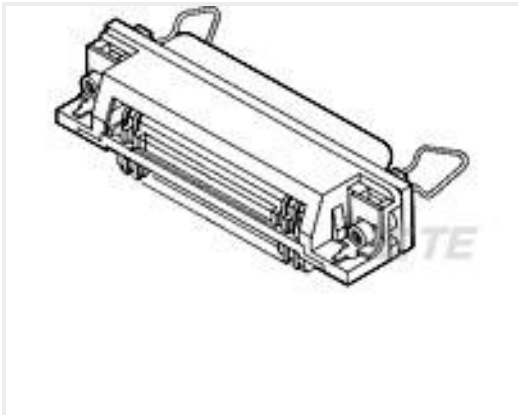


TE Part # ADP-BNCM-BNCF-R  
BNC Plug to BNC Jack RA

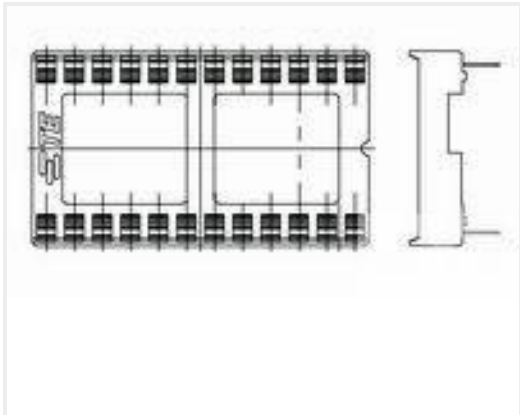
Customers Also Bought



TE Part #5051426-4  
SAFE HIGH VOLTAGE PLUG



TE Part #5554923-2  
RCPT ASSY,SHLD,RTANG, 24 POSN



TE Part #1-2199299-2  
28P,DIP SKT,600 CL,LDR,PB FREE



TE Part #191978-000  
202A111-4/86-0



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

English

Customer View Model

ENG\_CVM\_CVM\_5227726-1\_B.3d\_stp.zip

English

3D PDF

English

Customer View Model

ENG\_CVM\_5227726-1\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_5227726-1\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_5227726-1\_A.3d\_stp.zip

English

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Datasheets & Catalog Pages

BNC Connectors

English