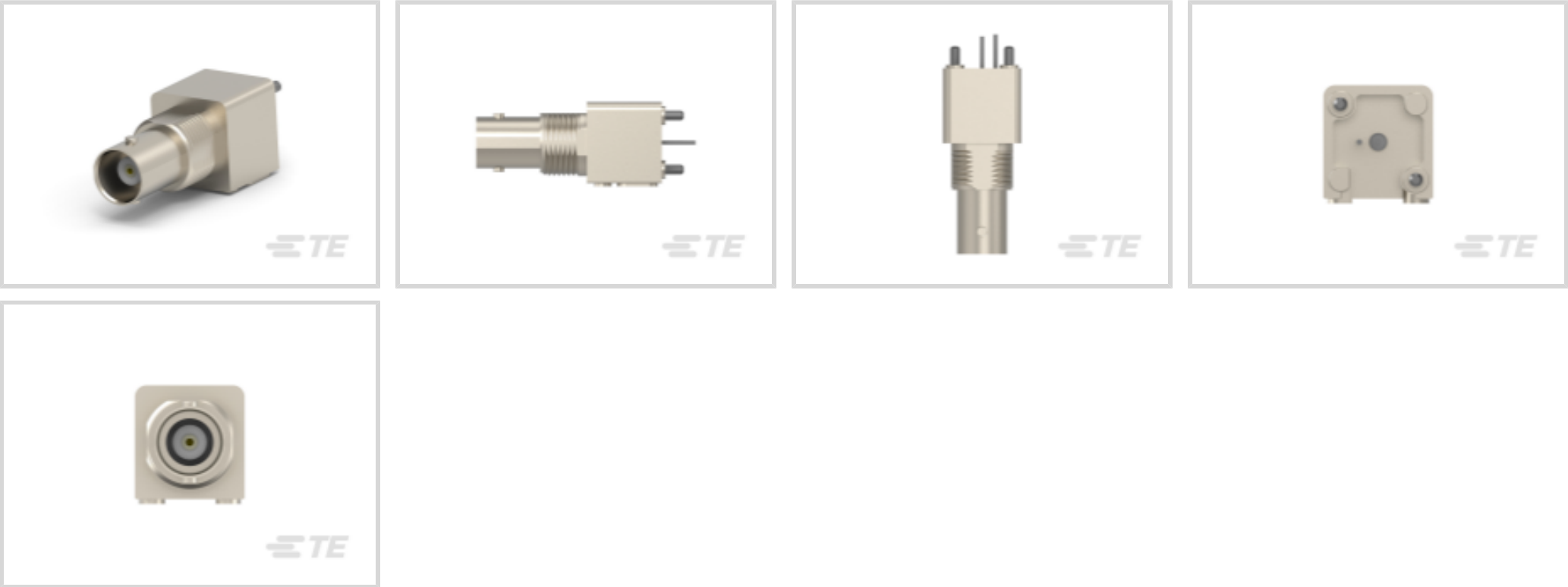




TE Internal #: 5227671-1  
BNC RF Interface, Jack, 50 ohm, Bayonet, 4 GHz Operating  
Frequency, Cable-to-Board, 1 Position, Printed Circuit Board, Panel  
Mount  
[View on TE.com >](#)

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 \(28\)](#)

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

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

Mechanical Attachment

|                                 |                    |
|---------------------------------|--------------------|
| PCB Mount Retention             | With               |
| Panel Mount Feature Type        | Lockwasher and Nut |
| Panel Attachment Style          | Rear Mount         |
| 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 | 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 | Restricted Materials Above Threshold                                                                                                                                                                                                                                                                                                                                                                                           |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2024 (241)<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, I < 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

|                                                                                                                                                                                                 |                                                                                                                                                                                   |                                                                                                                                             |                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # CAT-076-BNCJKISG50<br/>BNC RF Connector: Jack Assembly, Isolated Ground Protection, 50 Ohm</p> |  <p>TE Part # CAT-076-BNCJKSH50<br/>BNC RF Connector: jack assembly - short, 50 Ohm, 4Ghz</p> |  <p>TE Part # 5227426-1<br/>BNC BLKHD RECPT SEALED</p> |  <p>TE Part # 5413771-3<br/>JACK BLKHD,COML BNC,HEX CRIMP</p> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|





TE Part # 1-5227079-6  
COMM BNC PLUG



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



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



TE Part # 5227169-5  
BNC - SOLDER RECEPT



TE Part # 5227169-7  
BNC SOLDER JACK RECEPTACLE



TE Part # 5227169-8  
BNC - SOLDER RECEPT



TE Part # 5228979-7  
JACK,COML,SERIES BNC,GOLD PL



TE Part # 5228980-7  
JACK,BHD,COML,SERIES BNC,GOLD



TE Part # 1-5221128-7  
PLUG,COMMERCIAL BNC



TE Part # 5227079-5  
COMM BNC PLUG



TE Part # 5227079-6  
COMM. BNC-PLUG



TE Part # 8-5227079-2  
COMM BNC PLUG



TE Part # 1-5227079-1  
COMM BNC PLUG



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

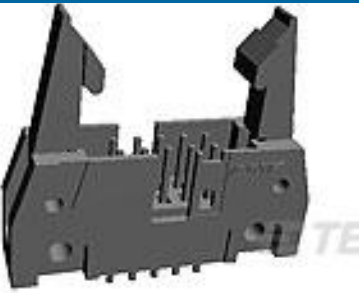


TE Part # 5330876  
BNC PLUG



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

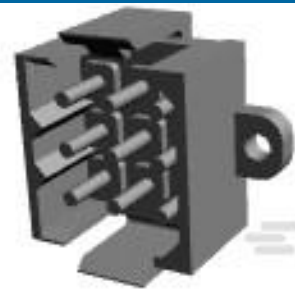
Customers Also Bought



TE Part #5499923-8  
A/L UNIV HDR 34P VERT LG LAT



TE Part #1630027-8  
HSC300 22K 5%



TE Part #207441-7  
METRIMATE PIN HEADER ASSY,9P



TE Part #5-146278-3  
03 MODII HDR SRST B/A .100CL



TE Part #207599-7  
MMATE PIN HDR ASSY,16P LF

TE Part #3-1546700-0  
JC6-Q407-12=JC6 ASSEMBLY

TE Part #K1142884  
Battery Disconnect 35-210-051-R-900

TE Part #L9000247-01  
MCX Jack 50 Ohm .062 PCB Edge Mount

TE Part #EXC902BN  
DUCK,EXC,902-970MHz,1/4W BNCM, 3 INCH

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  
Surface Mount Smart Card Connector  
English



Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English