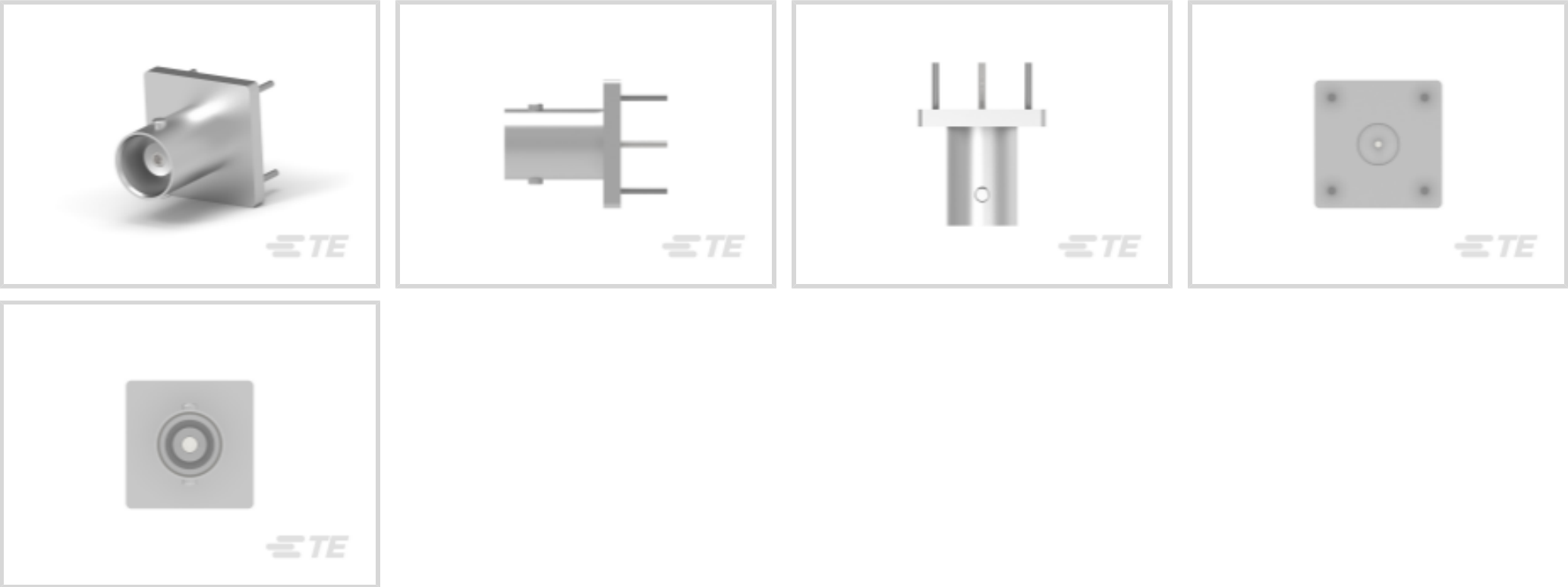




TE Internal #: 227699-2  
BNC RF Interface, Jack, 50 ohm, Bayonet, 4 GHz Operating  
Frequency, Cable-to-Board, 1 Position, Printed Circuit Board, Board  
Mount  
[View on TE.com >](#)

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 |
| Connector Shape                   | Circular              |

Dimensions

|                                                 |                   |
|-------------------------------------------------|-------------------|
| RF Connector Mated Outer Diameter (Approximate) | 14.53 mm[.572 in] |
| Profile Height from PCB                         | 15.88 mm[.625 in] |

Electrical Characteristics

|           |      |
|-----------|------|
| Impedance | 50 Ω |
|-----------|------|

Mechanical Attachment

|                                 |         |
|---------------------------------|---------|
| RF Connector Coupling Mechanism | Bayonet |
|---------------------------------|---------|



|                               |             |
|-------------------------------|-------------|
| Connector Mounting Type       | Board Mount |
| RF Contact Captivation Method | Mechanical  |
| Detent                        | With        |
| PCB Mount Retention           | Without     |

Operation/Application

|                     |       |
|---------------------|-------|
| Operating Frequency | 4 GHz |
|---------------------|-------|

Configuration Features

|                            |          |
|----------------------------|----------|
| Number of Positions        | 1        |
| Number of Coaxial Contacts | 1        |
| PCB Mount Orientation      | Vertical |

Usage Conditions

|                             |                           |
|-----------------------------|---------------------------|
| Operating Temperature Range | -55 – 85 °C[-67 – 185 °F] |
| Insulation Option           | Uninsulated               |

Body Features

|                       |        |
|-----------------------|--------|
| Body Material         | Zinc   |
| Body Material Finish  | Plated |
| Body Plating Material | Nickel |

Contact Features

|                                                   |                 |
|---------------------------------------------------|-----------------|
| RF Connector Center Contact Plating Material      | Gold            |
| RF Connector Center Contact Material              | Phosphor Bronze |
| RF Connector Center Contact Underplating Material | Nickel, Copper  |

Other

|                     |                           |
|---------------------|---------------------------|
| Dielectric Material | VALOX                     |
| EU RoHS Compliance  | Compliant with Exemptions |
| EU ELV Compliance   | Compliant with Exemptions |
| Grade               | Commercial                |

Packaging Features

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

Termination Features

|                                |                       |
|--------------------------------|-----------------------|
| Termination Method to PCB      | Through Hole - Solder |
| Termination Post & Tail Length | 6.35 mm[.25 in]       |



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 (4% 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                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                                                                                                                                                                                                                                                                                                               |
| 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 # 2016080-2  
JACK,PCB,COMMERCIAL BNC



TE Part # CSC-BNCM-1500-BNCM  
BNC to BNC 1500mm RG58



TE Part # CSC-BNCM-1800-BNCM  
BNC to BNC 1800mm RG58



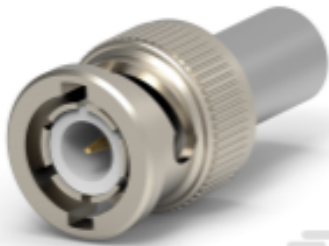
TE Part # CSC-BNCM-914-BNCM  
BNC to BNC 914mm RG58





TE Part # 5413959-3

BNC HEX RT ANG PLUG 50 OHM



TE Part # 1-221128-0

PLUG,COMMERCIAL BNC



TE Part # 2-5221128-3

PLUG,COMMERCIAL BNC



TE Part # 5221128-1

PLUG,COMMERCIAL BNC



TE Part # 2-221128-3

PLUG,COMMERCIAL BNC

Customers Also Bought



TE Part #3-6609128-5

CORCOM M SERIES MULTI-FUNCTION INLET FIL



TE Part #640919-1

RECEPT,PIDG FASTON 16-14 187



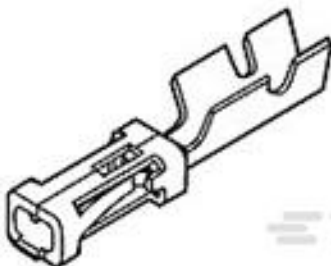
TE Part #6609021-1

1VB1=F7120 S0



TE Part #1-1393117-9

KUP-11A15-120=KU



TE Part #87666-5

MOD IV RECP PLTD 15 SEL



TE Part #35653

SPLICE,N CE 22-10



TE Part #102198-1

A/L HARDWARE FOR EJECTION KIT



TE Part #1954289-3

Connector,Blade & Recpt 6 Pos



TE Part #1437664-4

NC6-P107-02=NC6 ASSEMBLY

Documents



Product Drawings

BNC PCB VERTICAL

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_227699-2\_N.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_227699-2\_N.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_227699-2\_N.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Product Specification

English

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

Commercial BNC Printed Circuit (PC) Board Vertical Jack Connectors

English