

1-1337445-0 ✓ ACTIVE

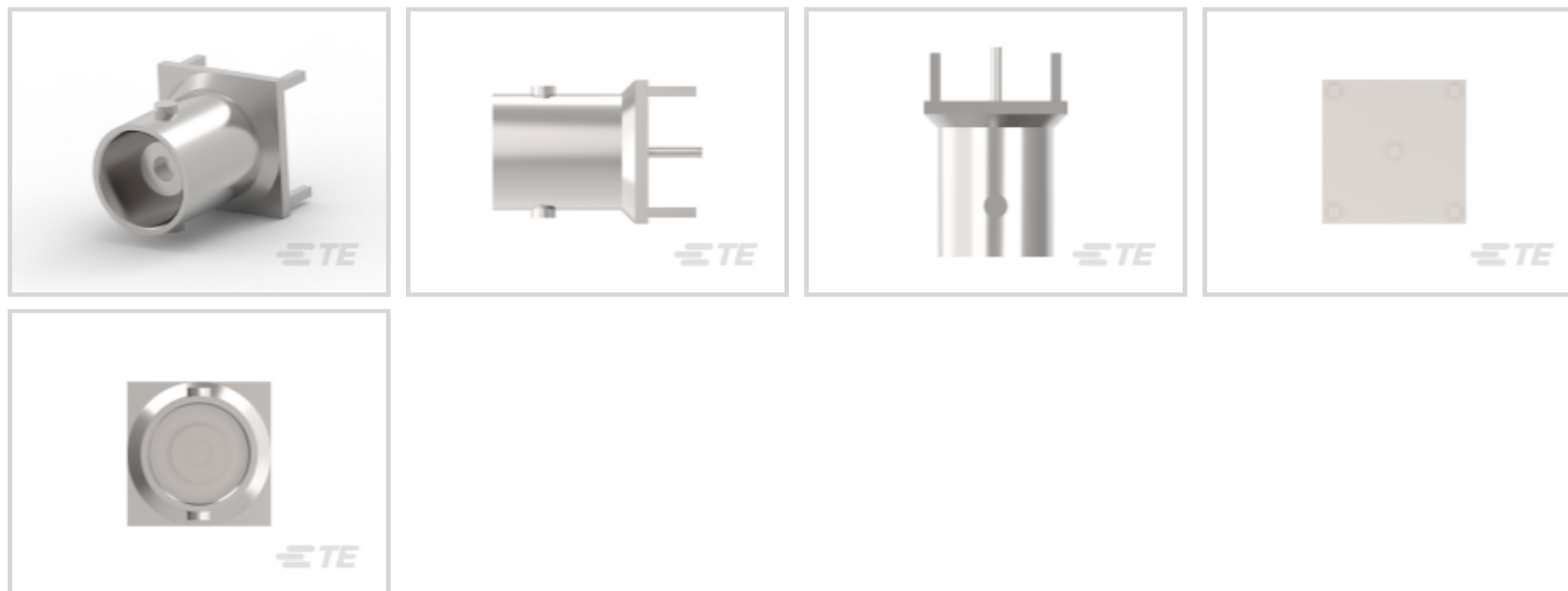


TE Internal #: 1-1337445-0

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



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**

## Features

### Product Type Features

Connector Shape	Rectangular
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
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### Body Features

Body Material	Brass
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Body Plating Material	Silver
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### Contact Features

RF Connector Center Contact Plating Material	Silver
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RF Connector Center Contact Material	Brass
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### Termination Features

Termination Post & Tail Length	4 mm[.157 in]
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Termination Method to PCB	Through Hole - Solder
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### Mechanical Attachment

PCB Mount Retention	With
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RF Connector Coupling Mechanism	Bayonet
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Connector Mounting Type	Board Mount
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RF Contact Captivation Method	Mechanical
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Detent	With
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### Dimensions

Mounting Post Length	4.5 mm[.177 in]
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Profile Height from PCB	13 mm[.511 in]
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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	-65 – 165 °C[-85 – 329 °F]
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### Operation/Application

Operating Frequency	4 GHz
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### Packaging Features

Packaging Quantity	50
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Packaging Method	Bag
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### Other

Grade	Professional
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Dielectric Material	PTFE
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### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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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)  
 Candidate List Declared Against: JUNE 2024 (241)  
 SVHC > Threshold:  
 Pb (3.32% in Component Part)

**Article Safe Usage Statements:**  
 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 Bromine/Chlorine - Br and Cl < 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 # 1-1478401-0  
 BNC Str Plg PS 50Ohm Silver RG58C /U, 141



TE Part # 2466243-1  
 BNC M RA CRIMP RG-58 RG-141 4 GHZ 50 OHM



TE Part # 2466287-1  
 BNC M STR CRIMP RG174 188 316 4GHZ 50OHM



TE Part # 5225395-1  
 BNC PLUG DUAL CRIMP RG58,A,B,C



TE Part # 5227079-5  
 COMM BNC PLUG



TE Part # 2486505-1  
 BNC JACK ST CRIMP RG-142-U 50 OHM



TE Part # 5221128-1  
 PLUG,COMMERCIAL BNC

## Customers Also Bought



## Documents

### Product Drawings

[BNC Str PCB Skt 50Ohm Silver P](#)

English

### CAD Files

[3D PDF](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_1-1337445-0\\_C.3d\\_igs.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_1-1337445-0\\_C.3d\\_stp.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_1-1337445-0\\_C.2d\\_dxf.zip](#)

English

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

### Product Specifications

[Product Specification](#)

English