TE Internal #: 5227161-6

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 >



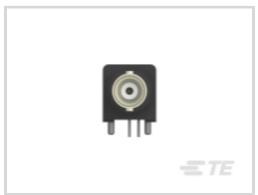
Connectors > RF Connectors > Coax Connectors > BNC RF Connector: Male (Jack), Right Angle











RF Interface: BNC

RF Connector Style: Jack

RF Connector Mated Outer Diameter (Approximate): 14.53 mm [ .572 in ]

Impedance:  $50 \Omega$ 

RF Connector Coupling Mechanism: Bayonet

All BNC RF Connector: Male (Jack), Right Angle (31)

## 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	Right Angle
Number of Positions	1
Number of Coaxial Contacts	1

### **Electrical Characteristics**

EMI & RFI Protection & Suppression Type	PCB Ground
Impedance	50 Ω

### **Body Features**



Body Material	Zinc
Body Plating Material	Nickel
Contact Features	
RF Connector Center Contact Underplating Material	Nickel
	30 μin
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Phosphor Bronze
Termination Features	
Termination Post & Tail Length	4.11 mm[.162 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	Solder
Detent	With
Housing Features	
Housing Color	Black
Dimensions	
Mounting Post Length	3.48 mm[.137 in]
Profile Height from PCB	15.88 mm[.625 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) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (3.7% 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	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**















JAM NUT, PLATED



TE Part # 5227169-5

BNC - SOLDER RECEPT



BNC SOLDER JACK RECEPTACLE























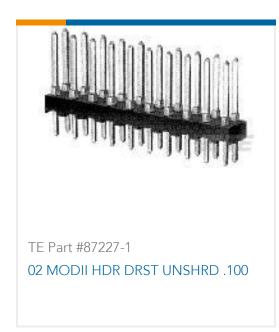


# Customers Also Bought















TE Part #1SNA112561R1200 MP4/6

TE Part #1SSA207308R3000 L20730830000

### **Documents**

### **Product Drawings**

RTANG JK W/MTG PINS, BNC PCB

English

#### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_5227161-6\_B.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_5227161-6\_B.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_5227161-6\_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

### **Instruction Sheets**

Instruction Sheet (U.S.)

English