

5226990-1 ✓ ACTIVE

TE Internal #: 5226990-1

BNC Connector, Jack, 50 ohm, Bayonet, 4 GHz, Cable-to-Board, 1
Position, Printed Circuit Board, Panel Mount, -55 – 85 °C [-67 – 185 °
F]

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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 Ω**

RF Connector Coupling Mechanism: **Bayonet**

[All BNC RF Connector: Male \(Jack\), Right Angle \(31\)](#)

Features

Housing Features

Housing Color	White
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Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	4.11 mm[.162 in]

Other

Grade	Commercial
Dielectric Material	Polymethylpentene
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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
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Usage Conditions

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

Configuration Features

PCB Mount Orientation	Right Angle
Number of Positions	1
Number of Coaxial Contacts	1

Mechanical Attachment

Panel Attachment Style	Rear Mount
PCB Mount Retention	Without
RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	With

Electrical Characteristics

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

Dimensions

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

Product Type Features

RF Interface	BNC
RF Connector Style	Jack
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Operation/Application

Operating Frequency	4 GHz
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Body Features

Body Material	Polyester, PBT
Body Plating Material	Polyester



Packaging Features

Packaging Method	Tube
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No 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) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

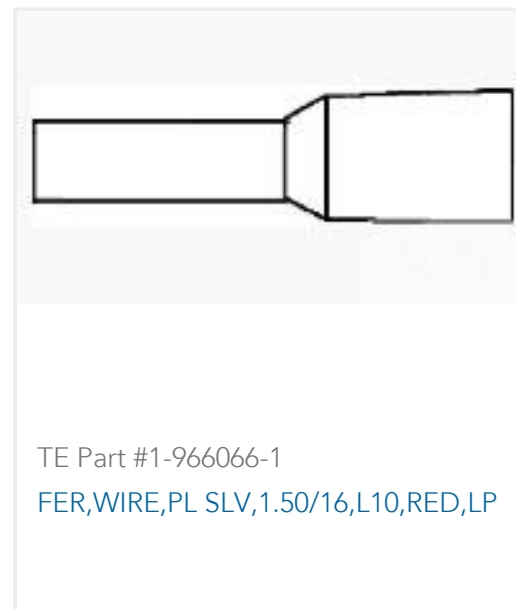
Product Compliance Disclaimer

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



Customers Also Bought



Documents

Product Drawings

[RTANG JACK, BNC PCB](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5226990-1_B.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5226990-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5226990-1_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages



BNC Connectors

English

Product Specifications

Product Specification

English

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English