



TE Internal #: 5226990-3
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 \(30\)](#)

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	Isolated Ground
Impedance	50 Ω

Body Features

Body Material	Polyester, PBT
Body Plating Material	Polyester

Contact Features

RF Connector Center Contact Underplating Material	Nickel
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30 µin

RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Phosphor Bronze

Termination Features

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

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

Housing Features

Housing Color	White
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Dimensions

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
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Packaging Features

Packaging Method	Tube
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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
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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: JAN 2025 (247) 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



TE Part # 5330876
BNC PLUG




TE Part # 5227426-1
BNC BLKHD RECPT SEALED




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


Customers Also Bought



TE Part #2-2176315-7
MELF SMA_A 15K 0.1% 15PPM 0204 0.4W



TE Part #2176315-3
MELF SMA_A 150R 0.1% 15PPM 0204 0.4W



TE Part #3-2176315-0
MELF SMA_A 27K 0.1% 15PPM 0204 0.4W



TE Part #3-2176315-1
MELF SMA_A 33K 0.1% 15PPM 0204 0.4W





TE Part #2-1614958-5
CPF 0805 1R74 0.1% 25ppm 1K RL



TE Part #2176315-6
MELF SMA_A 270R 0.1% 15PPM 0204 0.4W



TE Part #1-2176315-8
MELF SMA_A 2K7 0.1% 15PPM 0204 0.4W



TE Part #2-2176315-8
MELF SMA_A 18K 0.1% 15PPM 0204 0.4W



TE Part #2176238-9
CPF A 0805 27R 0.1% 25PPM 5K RL



TE Part #6-1625868-4
RP 2A 0.25W 24R3 0.1% 25PPM 1K RL

Documents

Product Drawings
RTANG JACK,BNC PCB

English

CAD Files
Customer View Model
ENG_CVM_CVM_5226990-3_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model
ENG_CVM_CVM_5226990-3_B.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_5226990-3_B.3d_stp.zip

English

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Datasheets & Catalog Pages
BNC Connectors

English

Product Specifications
Product Specification

English

Product Specification

English

5226990-3

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



Instruction Sheets

Instruction Sheet (U.S.)

English