

222092-1 ✓ ACTIVE

TE Internal #: 222092-1

RF Connectors, BNC RF Interface, Jack, RF Connector Mated Outer Diameter (Approximate) .572 in [14.53 mm], 75 Ω, Bayonet, 4GHz Operating Frequency

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Connectors > RF Coax Connectors > RF Connectors



RF Interface: **BNC**

RF Connector Style: **Jack**

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

Impedance: **75 Ω**

RF Connector Coupling Mechanism: **Bayonet**

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

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

Electrical Characteristics

Impedance	75 Ω
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Body Features

Body Insulation	Without
Body Shape	Circular
Body Material	Zinc
Body Plating Material	Nickel

Contact Features

RF Connector Center Contact Underplating Material	Nickel
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30 μ m

RF Connector Center Contact Plating Material

Gold

RF Connector Center Contact Material

Beryllium Copper

Termination Features

Termination Method to Wire & Cable

Solder Terminal

Termination Method to Printed Circuit Board

Through Hole - Solder

Termination Post & Tail Length

4.11 mm[.162 in]

Mechanical Attachment

Panel Attachment Style

Rear Mount

PCB Mount Retention

With

Panel Mount Feature Type

Lockwasher and Nut

RF Connector Coupling Mechanism

Bayonet

Connector Mounting Type

Panel Mount

RF Contact Captivation Method

Mechanical

Detent

With

Dimensions

Mounting Post Length

2.16 mm[.085 in]

RF Connector Mated Outer Diameter (Approximate)

14.53 mm[.572 in]

Height Above PC Board

15.88 mm[.625 in]

Usage Conditions

Operating Temperature Range

-55 – 85 °C[-67 – 185 °F]

Operation/Application

Operating Frequency

4 GHz

Packaging Features

Packaging Method

Tray

Other

Grade

Commercial

Comment

If an Insulating Bushing is required, see Part Number 330620.

Dielectric Material

Polymethylpentene

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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: JAN 2021 (211) Candidate List Declared Against: JAN 2020 (205) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

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

 <p>TE Part # 221185-9 PLUG,75 OHM,COML BNC</p>	 <p>TE Part # 5-1634502-2 BNC Str Plg Hex 75Ohm Nickel Pltd RG59B/</p>	 <p>TE Part # 221185-5 PLUG,75 OHM,COML BNC</p>	 <p>TE Part # 221185-8 PLUG,75 OHM,COMMERCIAL BNC</p>
 <p>TE Part # 413589-2 KIT PLUG 75 OHM BNC HEX CRIMP</p>	 <p>TE Part # 413589-7 KIT PLUG 75 OHM BNC HEX CRIMP</p>	 <p>TE Part # 413589-9 KIT PLUG 75 OHM BNC HEX CRIMP</p>	 <p>TE Part # 2-221185-3 PLUG,75 OHM,COML BNC</p>



TE Part # 2-221185-6
PLUG, 75 OHM, COML BNC



TE Part # 2-221185-9
PLUG, 75 OHM, COML BNC



TE Part # 2-5221185-3
PLUG, 75 OHM, COML BNC



TE Part # 2-5221185-6
PLUG, 75 OHM, COML BNC



TE Part # 2-5413589-5
KIT, PLUG, COML BNC, HEX CRP,
RA7000 CABLE



TE Part # 221185-1
PLUG 75 OHM COML BNC



TE Part # 221185-2
PLUG, 75 OHM, COML BNC



TE Part # 3-221185-1
PLUG, 75 OHM, COML BNC



TE Part # 3-221185-4
PLUG, 75 OHM, COMMERCIAL BNC



TE Part # 3-221185-6
PLUG, 75 OHM, COMM, BELDEN
633938



TE Part # 3-5221185-1
PLUG, 75 OHM, COML BNC



TE Part # 3-5221185-4
PLUG, 75 OHM, COMMERCIAL BNC

Customers Also Bought



TE Part #3-1879234-5
SMD Power Resistor: 7 Watt, 200-2M
Ohm



TE Part #2329389-9
PB OFF/ON FC RED M1 TERM GRE
LED IP68 50



TE Part #1-2329389-5
PB OFF/ON FC YLW M1 TERM BLU
LED IP68 50



TE Part #102973-9
18 MODII HDR DRST B/A .100CL



TE Part #3-647117-4
Nylon Right Angle PCB Header: 2.54
mm, Wire-to-Board, Through Hole,
MTA 100



TE Part #102976-8
08 MODII HDR SRST B/A .100CL



TE Part #146281-3
03 MODII HDR SRST B/A .100CL



TE Part #1-2364573-6
AVH19 FLT SS LK R+P GRN 24V26A



TE Part #YD369-HP33-NS10000
369 HARSH 3 WAY PLUG, CRIMP, SKT



TE Part #2176368-3
RQ 0603 52K3 0.1% 10PPM 1K RL

Documents

Product Drawings

JACK,RTANG,PCB,75 OHM,BNC

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_222092-1_U.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_222092-1_U.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_222092-1_U.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

Product Environmental Compliance

TE Material Declaration

English

Instruction Sheets

Instruction Sheet (U.S.)

English