



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

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

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Body Material	Zinc
Body Plating Material	Nickel

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	3.43 mm[.135 in]

Mechanical Attachment

Panel Mount Feature Type	Lockwasher and Nut
PCB Mount Retention	With
RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	With

Dimensions

Mounting Post Length	4.01 mm[.158 in]
Profile Height from PCB	13.18 mm[.519 in]
RF Connector Mated Outer Diameter (Approximate)	14.53 mm[.572 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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Operation/Application

Operating Frequency	1 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 with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold






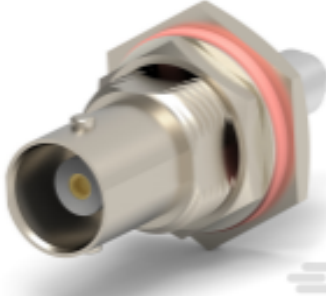




EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (3.7% in 74019106) <b>Article Safe Usage Statements:</b> Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle 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

 <p>TE Part # 5227079-7 COMM. BNC-PLUG</p>	 <p>TE Part # 5221128-1 PLUG,COMMERCIAL BNC</p>	 <p>TE Part # 1-5227079-1 COMM BNC PLUG</p>	 <p>TE Part # CAT-076-BNCJKISG50 BNC RF Connector: Jack Assembly, Isolated Ground Protection, 50 Ohm</p>
 <p>TE Part # CAT-076-BNCJKSH50 BNC RF Connector: jack assembly - short, 50 Ohm, 4Ghz</p>	 <p>TE Part # 5413771-3 JACK BLKHD,COML BNC,HEX CRIMP</p>	 <p>TE Part # 5227079-6 COMM. BNC-PLUG</p>	 <p>TE Part # 1-5221128-0 PLUG,COMMERCIAL BNC</p>



TE Part # 1-221128-0  
PLUG,COMMERCIAL BNC



TE Part # 1-5227079-6  
COMM BNC PLUG



TE Part # 5413779-3  
COML BNC,50 OHM, HEX CRIMP



TE Part # 5227169-7  
BNC SOLDER JACK RECEPTACLE



TE Part # 2-221128-3  
PLUG,COMMERCIAL BNC



TE Part # 5227169-5  
BNC - SOLDER RECEPT



TE Part # 5227079-5  
COMM BNC PLUG



TE Part # 5228980-7  
JACK,BHD,COML,SERIES BNC,GOLD



TE Part # 5227169-8  
BNC - SOLDER RECEPT



TE Part # 1-5221128-7  
PLUG,COMMERCIAL BNC

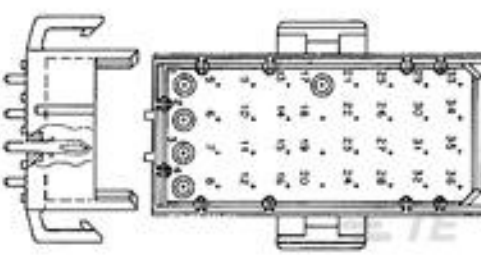


TE Part # 5413959-3  
BNC HEX RT ANG PLUG 50 OHM



TE Part # 2-5221128-3  
PLUG,COMMERCIAL BNC

Customers Also Bought



TE Part #640497-3  
02P MR HDR ASSY



TE Part #1-1879224-3  
CPF 0603 4K02 0.1% 25PPM 1K RL



TE Part #7-1879216-8  
CPF 0402 115K 0.1% 25PPM 5K RL



TE Part #9-2176312-1  
RP 1E 0.1W 107K 0.1% 25PPM 1K RL



TE Part #1879217-8  
CPF 0603 270K 0.1% 25PPM 1K RL



TE Part #7-1879215-1  
CPF 0402 24K9 0.1% 25PPM 1K RL



TE Part #2-1445094-2  
MICRO MNL HDR ASSY S/ROW AU LF



TE Part #2-1624112-2  
3650 0402 15nH 5% 2K RL



TE Part #5-1879021-5  
[SMW3 18R 5%](#)



TE Part #1467948-1  
[031-0002-0001](#)

Documents

CAD Files

3D PDF

English

Customer View Model

[ENG\\_CVM\\_5413515-2\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_5413515-2\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_5413515-2\\_C.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

Decoupled Connectors

English

Product Specifications

PCB Decoupled BNC Straight & Right Angle Jacks

English

Product Specification

English

Agency Approvals

UL Report

English