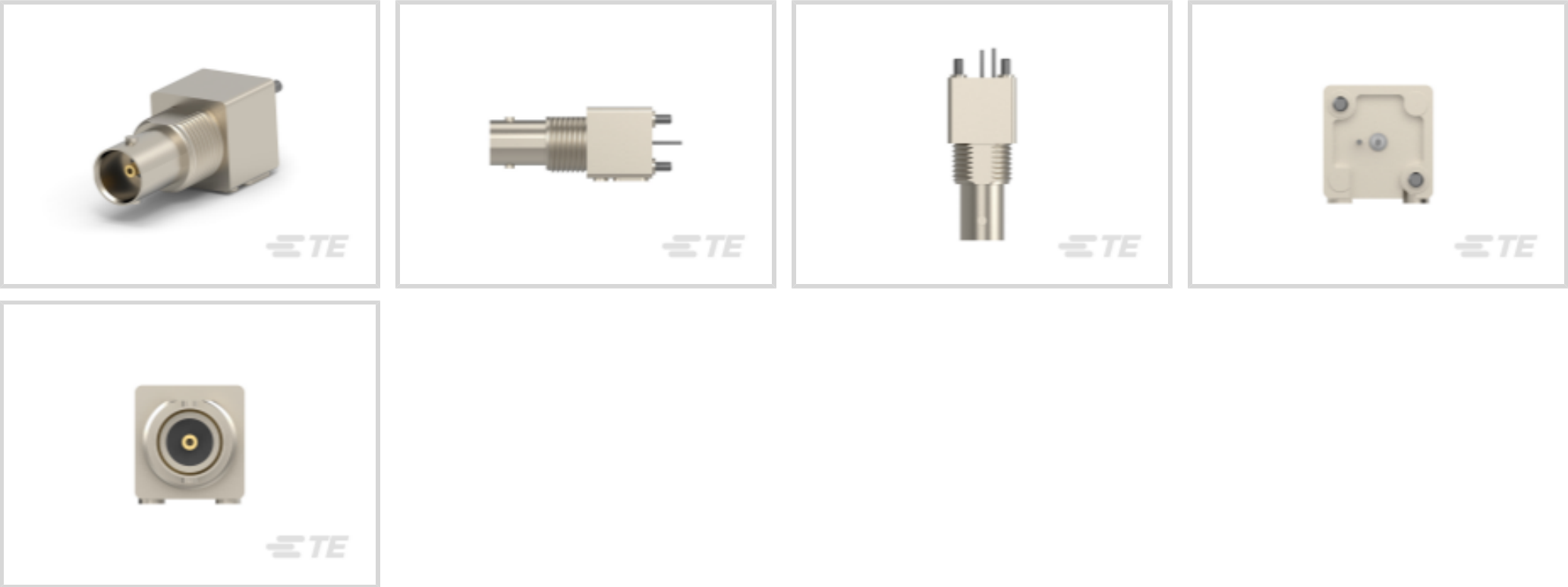




TE Internal #: 5222132-1  
BNC RF Interface, Jack, 75 ohm, Bayonet, 4 GHz Operating  
Frequency, Cable-to-Board, 1 Position, Printed Circuit Board, Panel  
Mount  
[View on TE.com >](#)

Connectors > RF Connectors > Coax Connectors



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

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

Electrical Characteristics

Impedance	75 Ω
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Body Features

Body Material	Die Cast 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	Beryllium Copper

Termination Features

Termination Post & Tail Length	5.33 mm[.21 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	Mechanical
Detent	With

Dimensions

Mounting Post Length	3.48 mm[.137 in]
Profile Height from PCB	34.93 mm[1.375 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 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) <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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 1-5227079-6  
COMM BNC PLUG



TE Part # 5221221-5  
JACK BLKHD 75OHM BNC

















TE Part # 2441520-1  
BNC MALE TERM.75 OHM,STR,4.5G RFT



TE Part # 1-5413589-1  
KIT PLUG 75 OHM BNC HEX CRIMP



 <p>TE Part # 5227079-5 COMM BNC PLUG</p>	 <p>TE Part # 5227079-6 COMM. BNC-PLUG</p>	 <p>TE Part # 8-5227079-2 COMM BNC PLUG</p>	 <p>TE Part # 1-5227079-1 COMM BNC PLUG</p>
 <p>TE Part # 413779-3 COML BNC,50 OHM, HEX CRIMP</p>	 <p>TE Part # 221221-5 JACK BLKHD 75OHM BNC</p>	 <p>TE Part # 5413959-3 BNC HEX RT ANG PLUG 50 OHM</p>	 <p>TE Part # 1-5221128-0 PLUG,COMMERCIAL BNC</p>
 <p>TE Part # 5227079-7 COMM. BNC-PLUG</p>	 <p>TE Part # 1-221128-0 PLUG,COMMERCIAL BNC</p>	 <p>TE Part # 413589-7 KIT PLUG 75 OHM BNC HEX CRIMP</p>	 <p>TE Part # 5221128-1 PLUG,COMMERCIAL BNC</p>
 <p>TE Part # 5221185-1 PLUG 75 OHM COML BNC</p>	 <p>TE Part # 2-221128-3 PLUG,COMMERCIAL BNC</p>		

Customers Also Bought

 <p>TE Part #5747843-4 37 MSFL PLUG RA 318 (IN,FM,BL)</p>	 <p>TE Part #1415898-5 RTS3TF12</p>	 <p>TE Part #2-1879213-8 CPF 0402 49R9 0.1% 25PPM 1K RL</p>	 <p>TE Part #3-1761603-1 IDC LOW PRO HDR 34P VERT BLUE</p>
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TE Part #2-2013310-1  
EMBOSS TAPE DDR3 204P 9.2H STD

TE Part #1-770903-1  
MINI UMNL PIN 22-18 AWG AU LF

TE Part #1-1747981-4  
Std HDMI, RA, SMT, Panel grd, Flange

TE Part #CSC-BNCM-1800-BNCM  
BNC to BNC 1800mm RG58

Documents

Product Drawings  
JACK,VERTICAL,PCB,75 OHM,BNC  
English

CAD Files  
3D PDF  
English  
Customer View Model  
ENG\_CVM\_5222132-1\_A.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_5222132-1\_A.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_5222132-1\_A.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

Agency Approvals  
UL Report  
English