



TE Internal #: 5227426-1
BNC Connector, Jack, 50 ohm, Bayonet, 4 GHz, Cable-to-Board, 1
Position, Sealable, Wire & Cable, Panel Mount, -55 – 85 °C [-67 –
185 °F], Straight
[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: **50 Ω**
RF Connector Coupling Mechanism: **Bayonet**

Features

Product Type Features

Connector Seal & Plug Type	Gasket
RF Interface	BNC
RF Connector Style	Jack
Connector System	Cable-to-Board
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Cable Connector Orientation	Straight
Body Material	Phosphor Bronze
Body Plating Material	Nickel

Contact Features

RF Connector Center Contact Underplating Material	Nickel
	762 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
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Mechanical Attachment

Panel Attachment Style	Rear Mount
RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	With

Dimensions

RF Connector Mated Outer Diameter (Approximate)	14.53 mm[.572 in]
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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	Package
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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 74019790)



DBMC (1.9% in 4857294756)









Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. 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	Hand solderable with lead free solder

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 # 5415218-6 JACK,R/A,PCB OHM, HIGH-TEMP</p>	 <p>TE Part # 226993-1 VERTICAL JACK, BNC PCB</p>	 <p>TE Part # 4-5225395-2 PLUG,DUAL CRIMP, BNC</p>	 <p>TE Part # 413476-2 JACK,DECOUPLER,PCB,VERT,BNC</p>
 <p>TE Part # 5225395-5 BNC PLUG DUAL CP RG141</p>	 <p>TE Part # 1-329631-2 JAM NUT, PLATED</p>	 <p>TE Part # CAT-076-BNCVTBAY BNC Vertical Jack RF Connector, 50 Ohm, Bayonet Coupling Mechanism</p>	 <p>TE Part # 5225395-1 BNC PLUG DUAL CRIMP RG58,A,B,C</p>



TE Part # 413524-5
JACK DECOUPLER PCB RTANG

TE Part # 5227169-7
BNC SOLDER JACK RECEPTACLE

TE Part # 5332225-5
PLUG, TWIN BNC,

TE Part # 331182
BNC PLUG RT ANG CRIMPABLE TEF

TE Part # CAT-076-BNCPK4GMG
BNC RF Connector: Plug Kit, Straight, 4 GHz, Military Grade

TE Part # 2-5330061-1
BNC PLUG

TE Part # 5225395-3
BNC PLUG DUAL CP RG55,223

TE Part # 5330876
BNC PLUG

TE Part # 5225395-6
BNC PLUG DUAL CP RG142

TE Part # CAT-076-BNCJK4GMG
BNC RF Connector Jack Kit, 50 Ohm, 4 Ghz, Military Grade

TE Part # CAT-076-BNCRABAY
BNC RF Connector: Male (Jack), Right Angle

TE Part # 5225395-8
BNC PLUG DUAL CRIMP RG179, 187

Customers Also Bought

TE Part #2-2176372-1
RQ 0603 80K6 0.1% 10PPM 5K RL

TE Part #1415075-1
PT3S7TD0

TE Part #4-2176310-5
RP 1E 0.1W 309R 0.1% 25PPM 1K RL

TE Part #5227726-1
ISOLATED BNC SOLDER JACK ASSY

TE Part #7-2176422-6
TLRP 2512 3.0W R100 1% 50PPM 4K RL

TE Part #413985-4
PLUG ASSY,STR,SMB

TE Part #1SNA195637R1200
M4/6.3A.P

TE Part #2213775-9
AV16 SPM 0.4VA POWER LED BLUE 12V



Documents

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_5227426-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_5227426-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_5227426-1_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

BNC Connectors

English