



TE Internal #: 5227726-1
BNC Connector, Jack, 50 ohm, Bayonet, 4 GHz, Cable-to-Board, 1
Position, Wire & Cable, Panel Mount, -55 – 85 °C [-67 – 185 °F],
Solder, Straight, Zinc
[View on TE.com >](#)

Connectors > RF Connectors > Coax Connectors > BNC RF Connector: Jack Assembly, Isolated Ground Protection, 50 Ohm



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: Jack Assembly, Isolated Ground Protection, 50 Ohm \(3\)](#)

Features

Housing Features

Housing Color	White
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Other

Grade	Commercial
Dielectric Material	VALOX
EU RoHS Compliance	Not Compliant
EU ELV Compliance	Compliant with Exemptions

Contact Features

RF Connector Center Contact Underplating Material	Nickel
	5080 μin
RF Connector Center Contact Plating Material	Tin
RF Connector Center Contact Material	Phosphor Bronze

Usage Conditions

Insulation Option	Uninsulated
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Operating Temperature Range

-55 – 85 °C[-67 – 185 °F]

Mechanical Attachment

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

Electrical Characteristics

EMI & RFI Protection & Suppression Type	Isolated Ground
Impedance	50 Ω

Product Type Features

RF Interface	BNC
RF Connector Style	Jack
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Dimensions

RF Connector Mated Outer Diameter (Approximate)	14.53 mm[.572 in]
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Operation/Application

Operating Frequency	4 GHz
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Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Body Features

Cable Connector Orientation	Straight
Body Material	Zinc
Body Plating Material	Nickel

Termination Features

Termination Method to Wire & Cable	Solder
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Packaging Features

Packaging Method	Carton
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
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 (13% in Component Part) Article Safe Usage Statements: 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	Not applicable 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

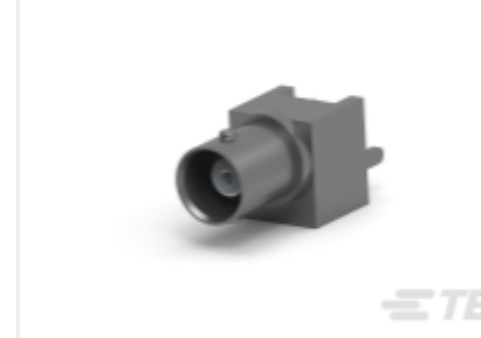
TE Part # 5227169-5
BNC - SOLDER RECEPT

TE Part # 5227169-8
BNC - SOLDER RECEPT

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

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



 TE Part # 5227079-5 COMM BNC PLUG	 TE Part # 5413959-3 BNC HEX RT ANG PLUG 50 OHM	 TE Part # 6274315-1 BNC JACK, NONSWITCHING	 TE Part # ADP-BNCF-BNCF BNC Jack to BNC Jack
 TE Part # 2-5221128-3 PLUG,COMMERCIAL BNC	 TE Part # 5413515-2 JACK,DECOUPLER,RTANG,BNC PCB	 TE Part # CAT-076-BNCRABAY BNC RF Connector: Male (Jack), Right Angle	 TE Part # 5228979-7 JACK,COML,SERIES BNC,GOLD PL Angle
 TE Part # 8-5227079-2 COMM BNC PLUG	 TE Part # 413779-3 COML BNC,50 OHM, HEX CRIMP	 TE Part # 1-5221128-7 PLUG,COMMERCIAL BNC	 TE Part # 1-5227079-1 COMM BNC PLUG
 TE Part # 5413515-9 JACK,DECOUPLER,RTANG,BNC PCB	 TE Part # 5330876 BNC PLUG	 TE Part # 5413771-3 JACK BLKHD,COML BNC,HEX CRIMP	 TE Part # 5227079-7 COMM. BNC-PLUG

Customers Also Bought

 TE Part #5413194-1 BNC, RT ANG, PCB, JACK	 TE Part #3-1617146-0 JMGACDD-26MW = M39016/19-042M	 TE Part #804495-000 MTCC2P-020-020-01	 TE Part #2-2176509-5 CJP 400W 150R 5% Lead
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TE Part #2329360-4
PB OFF/ON RC GRE M1 TERM. IP68

TE Part #1747994-2
DYNAMIC D-2100 V-HDR ASS'Y 16P Y-KEY

TE Part #699299-000
MTCX2X-200-200

TE Part #63648-1
250 FASTON FLAG REC 20-14 AWG BR

TE Part #EG0926-000

TE Part #EK2638-000

Documents

Product Drawings

ISOLATED BNC SOLDER JACK ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5227726-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5227726-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5227726-1_B.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_5227726-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_5227726-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_5227726-1_A.3d_stp.zip

English

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Datasheets & Catalog Pages

BNC Connectors

English