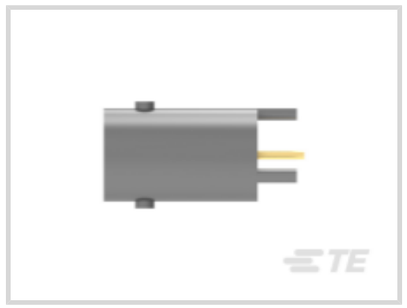
5221123-2 ✔ ACTIVE

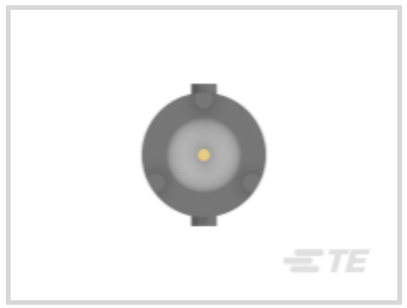
TE Internal #: 5221123-2

RF Connectors, BNC RF Interface, Jack, RF Connector Mated Outer Diameter (Approximate) .572 in [14.53 mm], 50 Ω, Bayonet, 4GHz Operating Frequency

View on TE.com >

Connectors > RF Coax Connectors > RF Connectors > BNC Vertical Male (Jack) RF Connector, 50 Ohm, Bayonet Coupling Mechanism




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 Vertical Male (Jack) RF Connector, 50 Ohm, Bayonet Coupling Mechanism (32)

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	50 Ω

Body Features

Body Insulation	Without

Body Material	Zinc
Body Plating Material	Tin-Lead

Contact Features

RF Connector Center Contact Underplating Material	Copper, Nickel
	1080 µin
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Phosphor Bronze

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	4.83 mm[.19 in]

Mechanical Attachment

PCB Mount Retention	Without
RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Board Mount
RF Contact Captivation Method	Mechanical
Detent	With

Dimensions

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	Carton

Other

Grade	Commercial
Dielectric Material	VALOX

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (4% 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	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



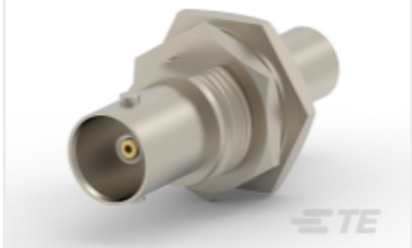
TE Part # CAT-076-BNCJKISG50
BNC RF Connector: Male (Jack) Assembly, Isolated Ground Protection, 50 Ohm



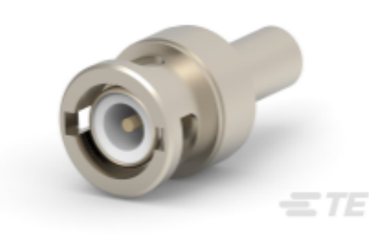
TE Part # CAT-076-BNCJKSH50
BNC RF Connector: Male (Jack) assembly - short, 50 Ohm, 4Ghz



TE Part # 2-5221128-1
PLUG,COMMERCIAL BNC



TE Part # 5-1634516-1
BNC RM BHJ Hex 50Ohm Nickel Pltd RG58C/U



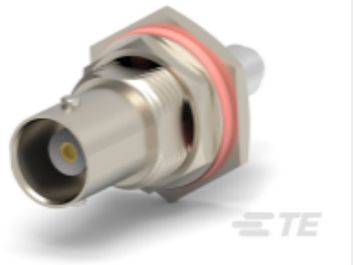
TE Part # 5-1634500-2
BNC Str Plg Hex 50Ohm Nickel Pltd RG58C/



TE Part # 5413959-1
PLUG RTANG BNC HEX 50 OHM



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



TE Part # 5413771-3
JACK BLKHD,COML BNC,HEX CRIMP



TE Part # 5227079-5
COMM BNC PLUG



TE Part # 1-5221128-0
PLUG,COMMERCIAL BNC



TE Part # 5228980-5
JACK,BULKHEAD,COM'L,BNC



TE Part # 8-5227079-2
COMM BNC PLUG



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



TE Part # 5227079-7
COMM. BNC-PLUG



TE Part # 1-5227079-9
COMM BNC PLUG



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



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



TE Part # 1-5227079-1
COMM BNC PLUG



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



TE Part # 2-5221128-7
PLUG,COMMERCIAL BNC

Customers Also Bought



TE Part #1-640453-2
Polyester Right Angle PCB Header: 2.54mm, Unshrouded, MTA 100



TE Part #1060469-1
5164 5011 09



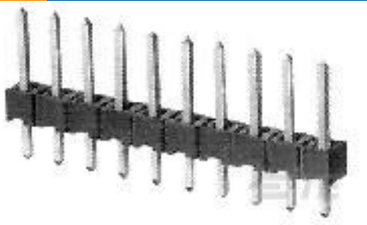
TE Part #1053354-1
2062 0000 00,SMA PCB VERT JACK



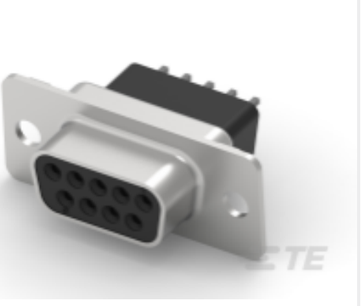
TE Part #172732-4
POST HEADER 4P EIS WITH KINK



TE Part #1734098-5
Champ050 50p A/P RCPT 25CL PB



TE Part #102972-4
04 MODII HDR SRST B/A .100CL



TE Part #1-5747150-6
D-Sub Receptacle Assembly: Vertical, Shell Size 1, 2.74mm



TE Part #1-770970-1
08P MINI UMNL R/A HDR ASSY LF



TE Part #1734100-5
Champ050 series,50pos,Au over PdNi



TE Part #EM7506-000
X4-4.0-0-SP-SM

Documents

Product Drawings

JACK,PCB,VERT,COMMERCIAL BNC

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5221123-2_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_5221123-2_O.3d_igs.zip

English

Customer View Model

ENG_CVM_5221123-2_O.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

Product Specifications

Product Specification

English

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English