1-221128-0

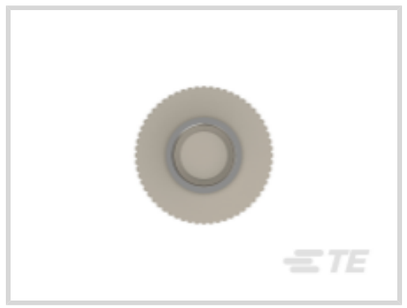
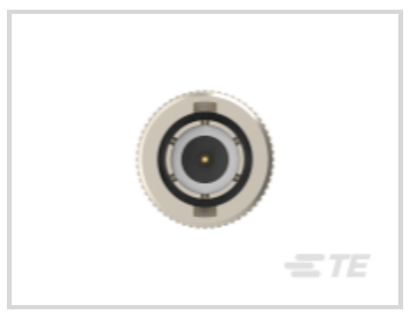
TE Internal #: 1-221128-0

TE Internal Description: PLUG,COMMERCIAL BNC

View on TE.com >

Connectors > RF Connectors > Coax Connectors



RF Interface: **BNC**

RF Connector Style: **Plug**

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	Plug
Connector System	Cable-to-Cable
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω

Body Features

Body Material	Zinc
Body Plating Material	Nickel

Contact Features

	1080 µin

Crimp Type	Hexagonal Crimping
RF Connector Center Contact Underplating Material	Nickel
RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Brass

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Cable Mount (Free-Hanging)
RF Contact Captivation Method	Mechanical
Detent	With

Housing Features

Body Orientation	Straight

Dimensions

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

Usage Conditions

Insulation Option	Uninsulated

Operation/Application

Operating Frequency Range	4 GHz

Packaging Features

Packaging Method	Box

Other

Coupling Nut Base Material	Brass
Grade	Commercial
Dielectric Material	Polyethylene

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 2025 (250) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Pb (3.7% 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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # 414352-1
JACK,DECOUPLER,RTANG,BNC PCB



TE Part # 5414217-1
BNC SOLDER RCPT



TE Part # 5413476-2
JACK,DECOUPLER,PCB,VERT,BNC



TE Part # 5225396-7
BNC JACK DUAL CP RG174,188



TE Part # 5227079-5
COMM BNC PLUG



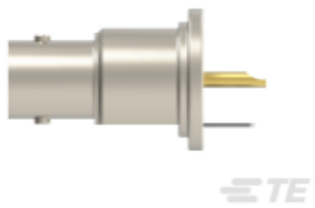
TE Part # 226993-1
VERTICAL JACK, BNC PCB



TE Part # 5415218-6
JACK,R/A,PCB OHM, HIGH-TEMP



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



TE Part # 227426-1
BNC BLKHD RECPT SEALED



TE Part # CAT-076-BNCVTBAY
BNC Vertical Jack RF Connector, 50 Ohm, Bayonet Coupling Mechanism



TE Part # 58433-2
PRO CR ASSY RG58/59 HEX IS9159



TE Part # 5225395-1
BNC PLUG DUAL CRIMP RG58,A,B,C



TE Part # 413524-5
JACK DECOUPLER PCB RTANG



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



TE Part # 5225398-7
BNC DUAL CRIMP JACJ



TE Part # 5227754-3
BNC SOLDER RECEPT JACK



TE Part # 5222132-1
JACK,VERTICAL,PCB,75 OHM,BNC



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



TE Part # 2-329082-1
BNC PLUG KIT POLYPROP



TE Part # 5414651-3
JACK,DECOUP,LOW PROFILE,ESD, BNC

Customers Also Bought



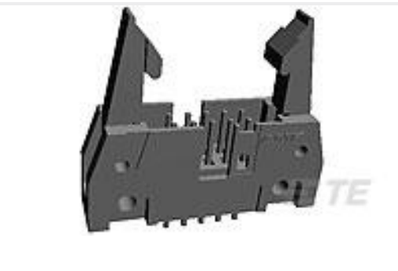
TE Part #7-51863-1
PIDG R 22-16 COMM 22-18 MIL 6



TE Part #3-747580-1
SHLDNG FERRULE, PLTD, BULK PKG



TE Part #748627-2
SHLD JACKSCREW,PLTD



TE Part #5499923-9
A/L UNIV HDR 40P VERT LAT



TE Part #5745967-4
25 RCPT SP/FMS STD



TE Part #5747150-4
09 RCPT SP/FMS STD



TE Part #5747299-4
15 RCPT SP/FMS STD



TE Part #5747871-4
09 PLUG SP/FMS STD



TE Part #5748526-1
KIT,PLUG,9P,HDP-20,SHLD HDWRE



TE Part #5748536-1
KIT,RCPT,9P,HDP-20,SHLD HDWRE

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-221128-0_AH.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-221128-0_AH.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-221128-0_AH.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Instruction Sheets

Instruction Sheet (U.S.)

English

COAXICON 50-Ohm BNC RF Series Commercial Plug (Hex Crimp) Connector

English