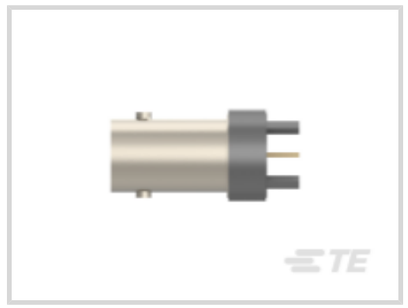
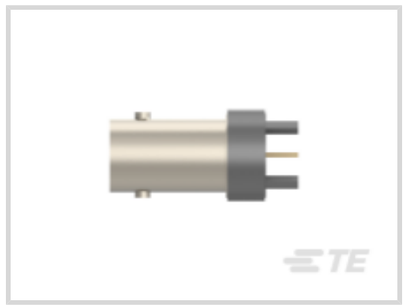
5222006-1 ✔ ACTIVE

TE Internal #: 5222006-1

BNC RF Interface, Jack, 50 ohm, Bayonet, 4 GHz Operating Frequency, Cable-to-Board, 1 Position, Printed Circuit Board, Board Mount

View on TE.com >

Connectors > RF Connectors > Coax Connectors > BNC Vertical 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 Jack RF Connector, 50 Ohm, Bayonet Coupling Mechanism (28)

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	50 Ω

Body Features

Body Material	Zinc

Body Plating Material	Nickel

Contact Features

RF Connector Center Contact Underplating Material	Nickel
	1080 µin
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Post & Tail Length	4.19 mm[.165 in]
Termination Method to PCB	Through Hole - Press-Fit

Mechanical Attachment

PCB Mount Retention	With
RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Board Mount
RF Contact Captivation Method	Mechanical
Detent	With

Dimensions

Profile Height from PCB	20.57 mm[.81 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

Packaging Features

Packaging Method	Tube

Other

Grade	Commercial
Dielectric Material	PTFE

Product Compliance

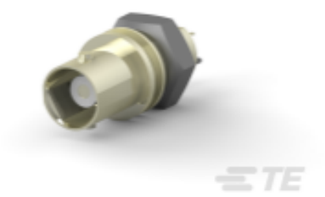
For compliance documentation, visit the product page on TE.com>

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 (.6% 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	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

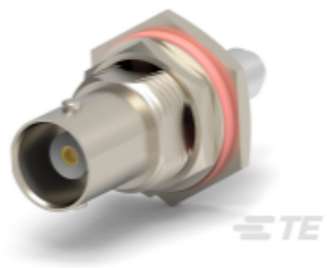
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # CAT-076-BNCJKISG50
BNC RF Connector: Jack Assembly, Isolated Ground Protection, 50 Ohm

TE Part # CAT-076-BNCJKSH50
BNC RF Connector: jack assembly - short, 50 Ohm, 4Ghz



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

TE Part # 1-5227079-6
COMM BNC PLUG

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

TE Part # 5227169-5
BNC - SOLDER RECEPT

TE Part # 5227169-7
BNC SOLDER JACK RECEPTACLE

TE Part # 5227169-8
BNC - SOLDER RECEPT

TE Part # 5228979-7
JACK,COML,SERIES BNC,GOLD PL

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

TE Part # 1-5221128-7
PLUG,COMMERCIAL BNC

TE Part # 5227079-5
COMM BNC PLUG

TE Part # 5227079-6
COMM. BNC-PLUG

TE Part # 8-5227079-2
COMM BNC PLUG

TE Part # 1-5227079-1
COMM BNC PLUG

TE Part # 413779-3
COML BNC,50 OHM, HEX CRIMP

TE Part # 2016080-2
JACK,PCB,COMMERCIAL BNC

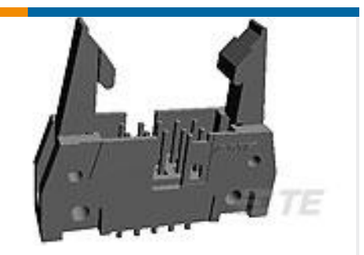
TE Part # 5413959-3
BNC HEX RT ANG PLUG 50 OHM

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

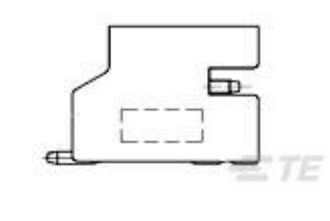
TE Part # 5227079-7
COMM. BNC-PLUG

Customers Also Bought

TE Part #553443-4
ASSY RCPT,ACTION PIN,CHAMP-LOK



TE Part #5499910-5
A/L UNIV HDR 24P VERT SHT LAT



TE Part #1775469-5
HPI CONN., 2.0MM, R/A, SMT, 5P, 80U"

TE Part #5750638-1
15 PLUG SP/FMS BRDLK

TE Part #292230-4
1.5 MINI CT SGL V SMT W/BOSS 4

TE Part #5-146252-5
10 MODII HDR DRST B/A .100 LF

TE Part #2337225-1
TACT ULTRA TB 2.8X1.9X0.6 160GF

TE Part #4-1437653-5
6PCV-11-006=#6 TRIBARRIER

Documents

Product Drawings

RECEPTACLE,PRESS FIT,COML BNC

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5222006-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5222006-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5222006-1_B.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_5222006-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_5222006-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_5222006-1_A.3d_stp.zip

English

Datasheets & Catalog Pages

BNC Connectors

English

Product Specifications

Application Specification

English