5227222-3 ✔ ACTIVE

TE Internal #: 5227222-3

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

Contact Features

	889 µin
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Phosphor Bronze
RF Connector Center Contact Underplating Material	Nickel

Product Type Features

RF Interface	BNC
RF Connector Style	Jack
Connector System	Cable-to-Board, Cable-to-Panel
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Dimensions

RF Connector Mated Outer Diameter (Approximate)	14.53 mm[.572 in]
Mounting Post Length	3.48 mm[.137 in]

Profile Height from PCB	34.93 mm[1.375 in]

Electrical Characteristics

Impedance	50 Ω

Mechanical Attachment

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

Operation/Application

Operating Frequency	4 GHz

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1
PCB Mount Orientation	Vertical

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
Insulation Option	Uninsulated

Body Features

Body Material	Polyester, PBT
Body Material Finish	Passivated
Body Plating Material	Nickel

Other

Dielectric Material	Polymethylpentene
EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions
Grade	Commercial

Packaging Features

Packaging Method	Tube

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	5.33 mm[.21 in]

Housing Features

Housing Color	White

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 (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	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



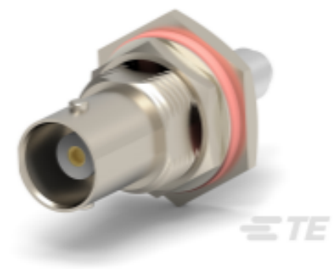
TE Part # CAT-076-BNCJKISG50
BNC RF Connector: Jack Assembly, Isolated Ground Protection, 50 Ohm



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



TE Part # 5227426-1
BNC BLKHD RECPT SEALED



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 # 1-329631-2
JAM NUT, PLATED



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

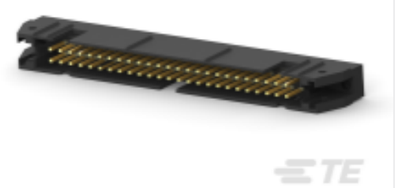


TE Part # 5330876
BNC PLUG



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

Customers Also Bought



TE Part #5102322-1
AMP-LATCH UNIVERSAL HEADERS



TE Part #1-776267-5
14POS,PIN DIA 1.3,HDR ASSY,90DEG, COD 5



TE Part #1-1761607-3
IDC LOW PRO HDR 40P RA LG LAT BLK



TE Part #282880-3
TERMI-BLOK PCB MOUNT 2ND 3P. 5



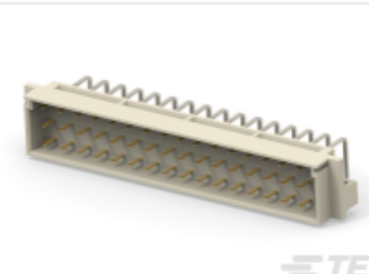
TE Part #5535676-5
06 MODII HORZ SR CE 100CL



TE Part #8-5227079-2
COMM BNC PLUG



TE Part #1-1546307-0
10P.374" DR BARRIER,W/WASHER



TE Part #354872-E
STVE 48 M ACE GGG 4-00 1006 * * 247 E007

Documents

Product Drawings

VERT JK W/MTG PINS, BNC PCB

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5227222-3_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5227222-3_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5227222-3_C.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