227699-1 ✔ ACTIVE

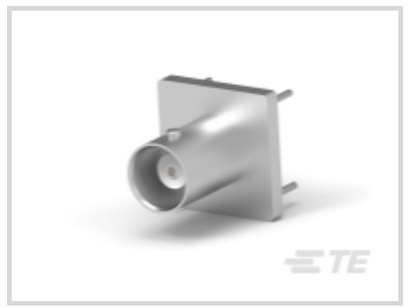
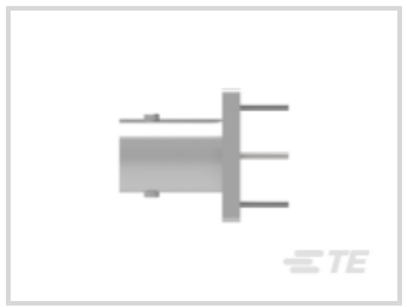
BNC

TE Internal #: 227699-1

BNC Connector, Jack, 50 ohm, Bayonet, 4 GHz, Cable-to-Board, 1 Position, Printed Circuit Board, Board Mount, -55 – 85 °C [-67 – 185 °F], Zinc, BNC

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 (25)

Features

Product Type Features

Connector Shape	Circular
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 Material Finish	Plated
Body Plating Material	Nickel

Contact Features

	3810 µin
RF Connector Center Contact Underplating Material	Copper, Nickel
RF Connector Center Contact Plating Material	Silver (Ag)
RF Connector Center Contact Material	Phosphor Bronze

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	6.35 mm[.25 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

Profile Height from PCB	15.88 mm[.625 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 Range	4 GHz

Packaging Features

Packaging Method	Tube

Other

Grade	Commercial
Dielectric Material	PBT

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: JUNE 2024 (241) 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 # 5413959-3
BNC HEX RT ANG PLUG 50 OHM

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

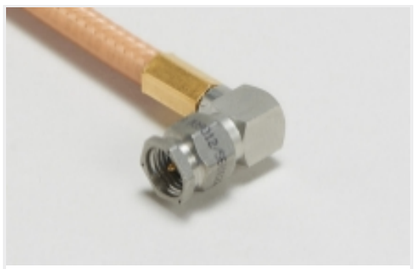
TE Part # 5221128-1
PLUG,COMMERCIAL BNC

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

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

Also in the Series | BNC

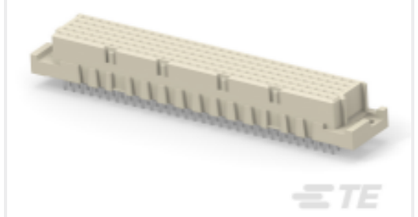
Coax Connectors(163)



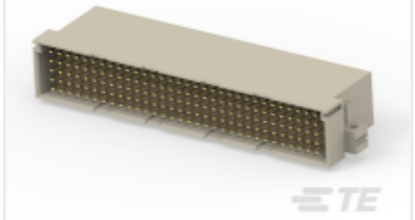
RF Cable Assemblies(25)

RF Terminators(1)

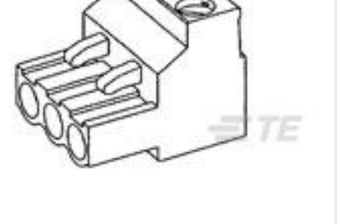
Customers Also Bought



TE Part #284314-E
STVE 160 F ABCDE VVVV 7-00 TL 4,0 * 247



TE Part #384298-E
STVE 160 M ABCDE VVVV 4-00 0606 * * 137

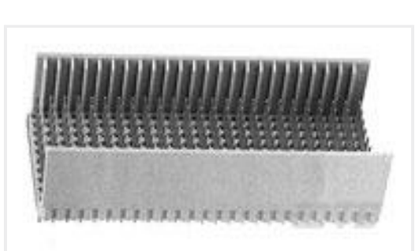


TE Part #796696-4
TERMI-BLOK PLUG STACKING 4POS.

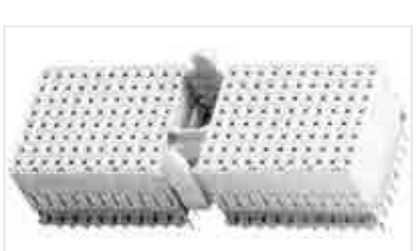
TE Part #1053354-1
2062 0000 00,SMA PCB VERT JACK

TE Part #1-2176330-9
CRGP 2010 330R 1%

TE Part #5222420-1
JACK, VERT, PCB, COML BNC



TE Part #5646347-1
2MM HM,ASY,T-E,HDR,08R,200,AP



TE Part #5646539-1
2MM H.M. 8 ROW E VERT. RECEPT.

TE Part #5052944219
RNF-100-3/32-BK-SP

TE Part #04ZZXLF015
/HYB/2x22+/SH/PVC/UL2549/GY/-/

Documents

Product Drawings

BNC PCB VERTICAL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_227699-1_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_227699-1_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_227699-1_N.3d_stp.zip

English

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

Product Specifications

Product Specification

English

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

Commercial BNC Printed Circuit (PC) Board Vertical Jack Connectors

English