413631-1 ✔ ACTIVE

BNC

TE Internal #: 413631-1

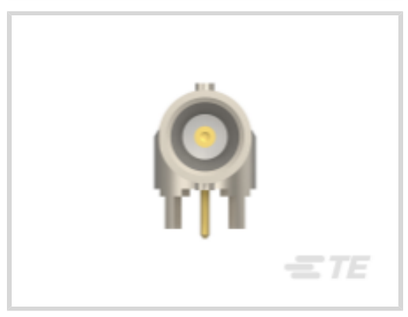
BNC Connector, Jack, 50 ohm, Bayonet, 4 GHz, Cable-to-Board, 1 Position, Printed Circuit Board, Board Mount, -55 – 85 °C [-67 – 185 °F], Zinc, BNC

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 Plating Material	Nickel

Contact Features

	1270 µin
RF Connector Center Contact Underplating Material	Copper, Nickel
RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	5.1 mm[.2 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	10.97 mm[.432 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	Tray

Other

Grade	Commercial
Dielectric Material	Polymethylpentene

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 (.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	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 # 413589-7
KIT PLUG 75 OHM BNC HEX CRIMP



TE Part # CSC-BNCM-1800-BNCM
BNC to BNC 1800mm RG58



TE Part # CSC-BNCM-914-BNCM
BNC to BNC 914mm RG58

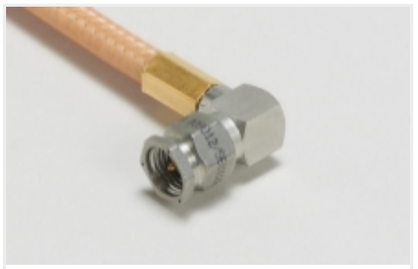


TE Part # CSC-BNCM-1500-BNCM
BNC to BNC 1500mm RG58

Also in the Series | BNC



Coax Connectors(163)



RF Cable Assemblies(25)



RF Terminators(1)

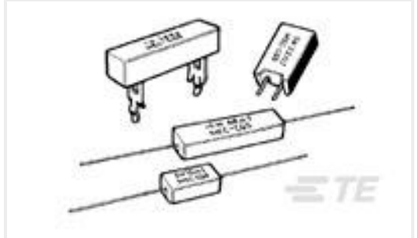
Customers Also Bought



TE Part #CONN013-W
N Type Jack PCB Through Hole



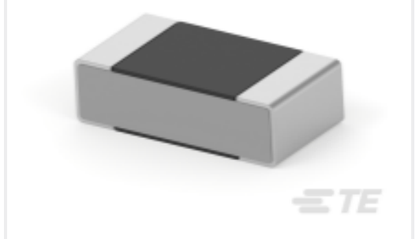
TE Part #329636
TERMINAL,PIDG R 24-20 2



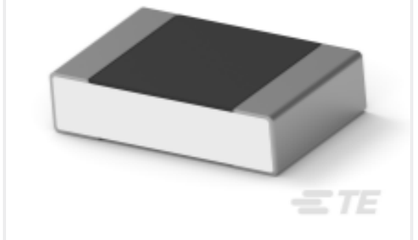
TE Part #1623783-3
SQM7 18K 5% (METAL FILM)



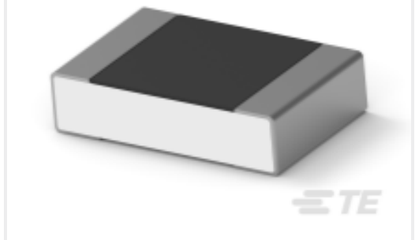
TE Part #6-1879233-3
SMW5 39R 5%



TE Part #8-2176268-5
RU 0603 2K0 0.01% 2PPM 1K RL



TE Part #2-2176381-4
RQ 0805 21K5 0.1% 10PPM 5K RL



TE Part #2-2176381-7
RQ 0805 23K2 0.1% 10PPM 5K RL



TE Part #2466267-1
BNC JACK RA PCB MNT TIN 2 GHZ 50 OHM



TE Part #9-6318491-6
.5FHP08H,220,S,GIG,08/Sn,HT,NSYes, W/C

TE Part #4-2840621-1
2POS,HC-STAK 25,HDR ASSY,COD A, FDU, PH 3

Documents

Product Drawings

JACK,RTANG, PCB,50 OHM, BNC

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_413631-1_S.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_413631-1_S.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_413631-1_S.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