



BNC

TE Internal #: CONBNC001
BNC Connector, Jack, 50 ohm, Bayonet, 3 GHz, Cable-to-Board, 1
Position, Printed Circuit Board, Board Mount, Brass, Nickel, 1
Coaxial Contacts, BNC

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Connectors > RF Connectors > Coax Connectors



RF Interface: **BNC**
RF Connector Style: **Jack**
Impedance: **50 Ω**
RF Connector Coupling Mechanism: **Bayonet**
Operating Frequency Range: **3 GHz**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	BNC
RF Connector Style	Jack
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Body Material	Brass
Body Plating Material	Nickel

Mechanical Attachment

RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Board Mount



Operation/Application

Circuit Application	Signal
Operating Frequency Range	3 GHz

Other

Dielectric Material	Polytetrafluoroethylene (PTFE)
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

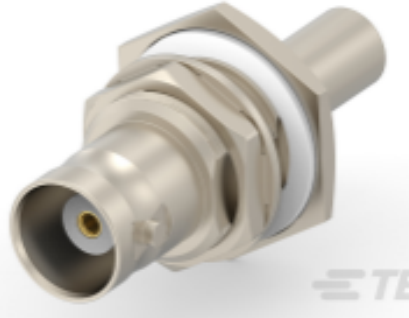




TE Part # 1-5227079-6
COMM BNC PLUG



TE Part # 1-1337429-0
BNC Str Plg Hex 75Ohm Silver Pltd RG59B/



TE Part # 2486505-1
BNC Jack Str Bulkhead RG-142/U 50 Ohm



TE Part # 2485915-1
BNC Plug St Crimp RG58 Ag Plating 50 Ohm



TE Part # 2484792-1
BNC Plug Str RG174 188A 316 4 GHz 50 Ohm

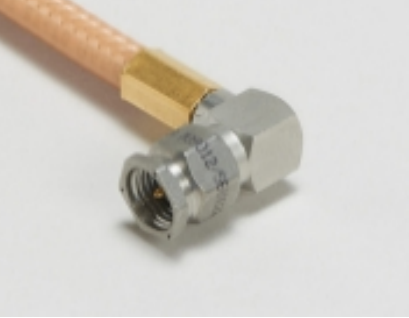


TE Part # 1-1337420-0
BNC Str Plg MC 50Ohm Nickel Pltd RG58C/U

Also in the Series | BNC



Coax Connectors(165)



RF Cable Assemblies(25)

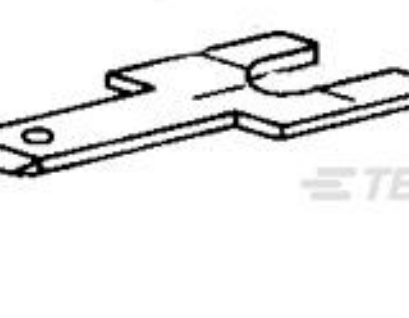


RF Terminators(1)

Customers Also Bought



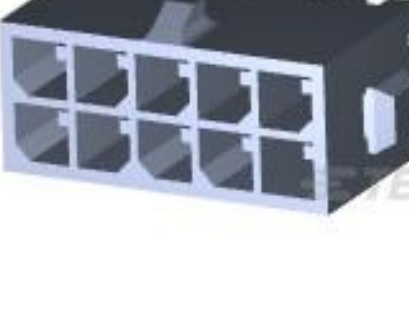
TE Part #CAT-FSS0002
3/4BSP MALE X FEMALE WATER FLOW SWITCH



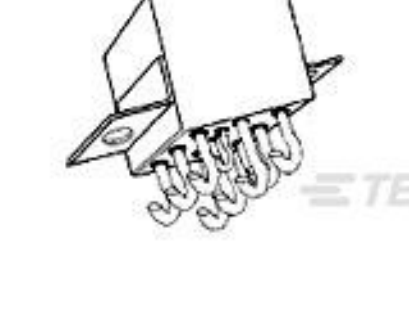
TE Part #62061-2
110 FASTON TAB BR



TE Part #62572-6
FF 110 REC 20-16AWG TPBR



TE Part #4-794631-0
10P MICRO MNL ASSY,VRT,HDR LF



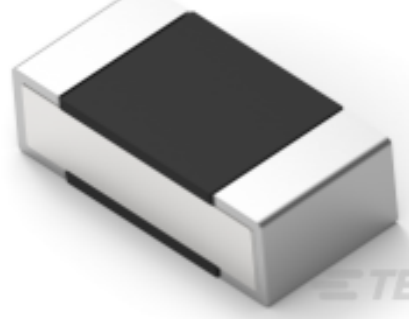
TE Part #6-1617753-5
FCA-325-CY4



TE Part #3-1623774-2
C14 3R3 5% (LOOSE)



TE Part #6-2176070-8
3521 6K2 1% 2W



TE Part #5-2176304-7
RP 1E 0.1W 38R3 0.1% 25PPM 5K RL

CONBNC001

BNC Connector, Jack, 50 ohm, Bayonet, 3 GHz, Cable-to-Board, 1 Position, Printed Circuit Board, Board Mount, Brass, Nickel, 1 Coaxial Contacts, BNC



Documents

Product Drawings

BNC Jack 50 Ohm PCB Through Hole

English

CAD Files

Customer View Model

ENG_CVM_CVM_CONBNC001_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_CONBNC001_A.3d_igs.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_CONBNC001_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

BNC Jack PCB Through-Hole Connector

English