



TE Internal #: CONBNC001
 BNC RF Interface, Jack, 50 ohm, Bayonet, 3 GHz Operating Frequency, Cable-to-Board, 1 Position, Printed Circuit Board, Board Mount, Brass, Nickel

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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: **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 |
|-----------|------|

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 | 3 GHz |

Other

| | |
|---------------------|--------------------------------|
| Dielectric Material | Polytetrafluoroethylene (PTFE) |
|---------------------|--------------------------------|

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 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC |
| Halogen Content | Not Yet Reviewed for halogen content |
| 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 # 1-1337420-0
BNC Str Plg MC 50Ohm Nickel Pltd
RG58C/U



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



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



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



TE Part # 2486505-1
BNC JACK ST CRIMP RG-142-U 50
OHM

Customers Also Bought



TE Part #1-2308346-5
FULL METAL HOODS SIZE 5 - 5 (RAW)



TE Part #5-103669-9
10 MTE HDR SRST LATCH W/HLDWN



TE Part #1618406-1
LEV200B5ANF=Contactor, SPST-NC



TE Part #1SNG626018R0000
EP-SGL-M16-BL-F



TE Part #CON SMA001-SMD-G
SMA Jack 50 Ohm PCB Surface Mount



TE Part #6-2176456-0
CPF 0603 4R12 0.1% 25ppm 1K RL



TE Part #2-2176631-5
SQB50 10R (WIRE) 5% FASTON



TE Part #CONBNC002
BNC Jack 50 Ohm PCB Through Hole

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