CONBNC001 ✔ ACTIVE

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

View on TE.com >

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

Body Features

Body Material	Brass
Body Plating Material	Nickel

Mechanical Attachment

RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Board Mount

Downloaded from Arrow.com.

Operation/Application

Circuit Application	Signal
Operating Frequency Range	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	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 2025 (250) 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

Downloaded from Arrow.com.

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



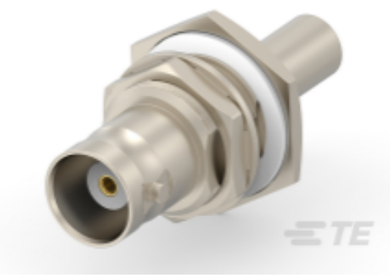
TE Part # 2484792-1
BNC Plug Str RG174 188A 316 4 GHz 50 Ohm



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



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



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

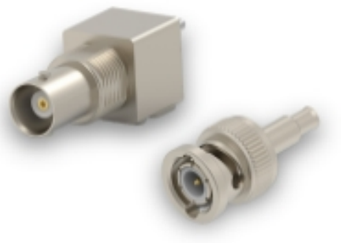


TE Part # 1-5227079-6
COMM BNC PLUG



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

Also in the Series | BNC

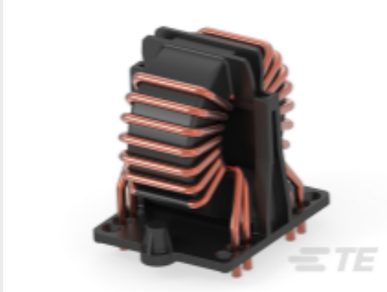


BNC RF Connectors(166)

Customers Also Bought



TE Part #1SNG625033R0000
EM-SGL-M32-MET-G



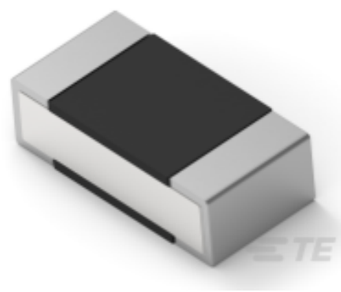
TE Part #811875-SF
RB6522-50-0M3



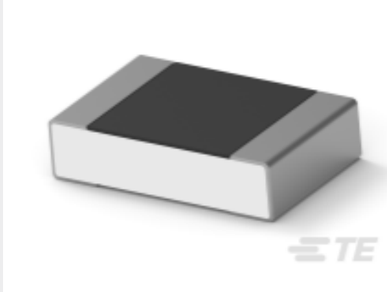
TE Part #4515-DS5A002DP
2IN DP PRESSURE SENSOR 10% TO 90%



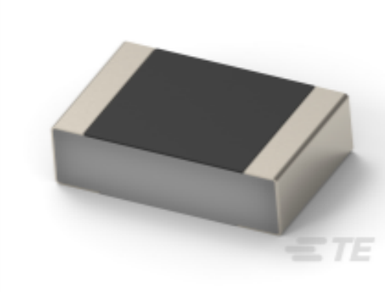
TE Part #5-146284-2
02 MODII HDR SRST B/A .100CL



TE Part #2-2176313-3
RP 1E 0.1W 226K 0.1% 25PPM 1K RL



TE Part #1-2176378-2
RQ 0805 13R 0.1% 10PPM 5K RL



TE Part #8-2176453-9
CPF 0201 47K5 0.1% 25ppm 1K RL



TE Part #2388202-2
Shield Finger, 3.8mm

Downloaded from Arrow.com.



TE Part #2487805-1
WHIP ANT, SMA-RIGHT ANGLE, 617-5000MHz



TE Part #1-2492672-1
ILLUM. PUSH BUTTON FLUSH BLUE

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

Downloaded from Arrow.com.