



BNC

TE Internal #: 5415025-2

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

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Connectors > RF Connectors > Coax Connectors



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**

Features

Product Type Features

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	Right Angle
Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Body Material	Zinc
Body Plating Material	Tin



Contact Features

RF Connector Center Contact Underplating Material	Nickel
RF Connector Center Contact Plating Thickness	.762 – 1.39 µm[30 – 55 µin]
RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Phosphor Bronze

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	4.34 mm[.17 in]
Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Panel Attachment Style	Rear Mount
PCB Mount Retention	Without
Panel Mount Feature Type	Lockwasher and Nut
RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	With

Dimensions

Mounting Post Length	4.34 mm[.171 in]
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
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Packaging Features

Packaging Method	Tray
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Other

Grade	Commercial
Additional Features	Hardware Included



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 with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2023 (233) 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	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 # 1-221128-0
PLUG,COMMERCIAL BNC



TE Part # 5413779-3
COML BNC,50 OHM, HEX CRIMP



TE Part # 1-5221128-0
PLUG,COMMERCIAL BNC



TE Part # 1-5227079-6
COMM BNC PLUG



TE Part # 5227169-7
BNC SOLDER JACK RECEPTACLE



TE Part # 5227079-2
COMM BNC PLUG



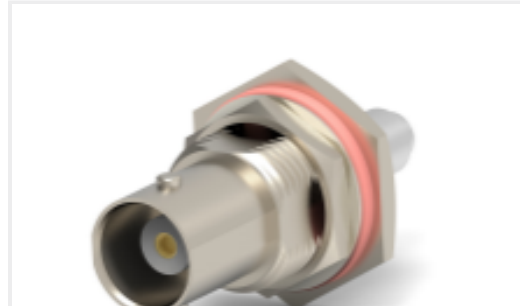
TE Part # 5330876
BNC PLUG



TE Part # 5227079-7
COMM. BNC-PLUG



TE Part # 1-5227079-1
COMM BNC PLUG



TE Part # 5413771-3
JACK BLKHD, COML BNC, HEX CRIMP



TE Part # 5227079-6
COMM. BNC-PLUG



TE Part # 5227726-1
ISOLATED BNC SOLDER JACK ASSY



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



TE Part # 5227426-1
BNC BLKHD RECPT SEALED



TE Part # 5227755-3
BNC SOLDER RECEPT JACK SHORT



TE Part # 5227169-5
BNC - SOLDER RECEPT



TE Part # 5227755-2
BNC SOLDER RECEPT JACK SHORT



TE Part # 5227079-5
COMM BNC PLUG



TE Part # 5227169-8
BNC - SOLDER RECEPT



TE Part # 5228980-7
JACK, BHD, COML, SERIES BNC, GOLD

Also in the Series | **BNC**



BNC RF Connectors(166)

Customers Also Bought



TE Part #63596-2
187 FASTON REC 18-14 AWG TPBR



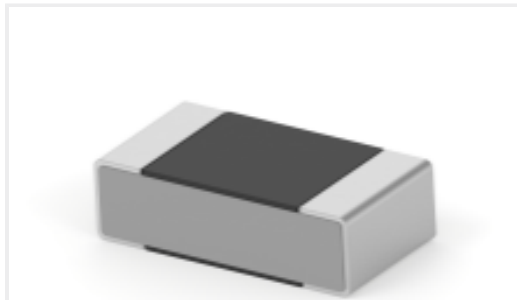
TE Part #2-1614882-0
CPF0603 4K7 0.1% 25PPM 5K RL



TE Part #2-1761607-9
IDC LOW PRO HDR 26P RA LAT



TE Part #1-1825006-5
GDS08S04=DIP SW,SLIDE,SMT



TE Part #6-1879135-1
RN 0603 4R99 0.1% 10PPM 5K RL



TE Part #5-2176070-2
3521 1K3 1% 2W



TE Part #2195835-2
ISM 868 / 915 MHz ANTENNA



TE Part #2344657-2
FPC ANTENNA, MHF, 100mm, Wi-Fi 7



TE Part #5380598-3
RCR SN-SPR SN-CUP 018-040



TE Part #5650263-1
CONN SEC II 3 POS 100C/L

Documents

Product Drawings

JACK, RTANG, PCB, 50 OHM, BNC

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5415025-2_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5415025-2_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5415025-2_B.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_5415025-2_A.3d_igs.zip](#)

English



Customer View Model

[ENG_CVM_5415025-2_A.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_5415025-2_A.2d_dxf.zip](#)

English

3D PDF

English

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Datasheets & Catalog Pages

[BNC Connectors](#)

English

Product Specifications

[Product Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English