

5414651-3 ✓ ACTIVE



BNC

TE Internal #: 5414651-3

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

RF Connector Center Contact Underplating Material	Nickel
RF Connector Center Contact Plating Thickness	.762 – 1.01 µm[30 – 40 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	3.43 mm[.135 in]

Mechanical Attachment

PCB Mount Retention	With
RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	With

Housing Features

Housing Color	Black
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Dimensions

Mounting Post Length	2.79 mm[.11 in]
Profile Height from PCB	13.18 mm[.519 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	Tube
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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
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: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

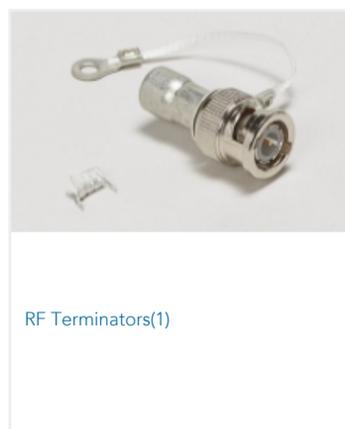
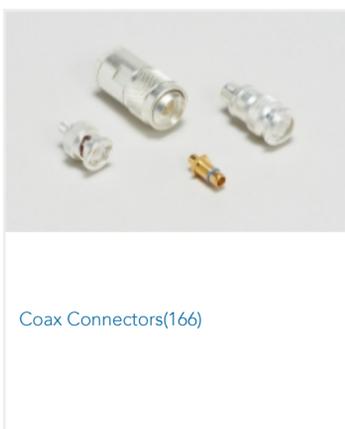
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

 <p>TE Part # 2-5221128-3 PLUG,COMMERCIAL BNC</p>	 <p>TE Part # 1-5221128-7 PLUG,COMMERCIAL BNC</p>	 <p>TE Part # 5413959-3 BNC HEX RT ANG PLUG 50 OHM</p>	 <p>TE Part # 5227079-1 COMM BNC PLUG</p>
 <p>TE Part # 413779-3 COML BNC,50 OHM, HEX CRIMP</p>	 <p>TE Part # 8-5227079-2 COMM BNC PLUG</p>	 <p>TE Part # 5227079-2 COMM BNC PLUG</p>	 <p>TE Part # 1-5227079-1 COMM BNC PLUG</p>

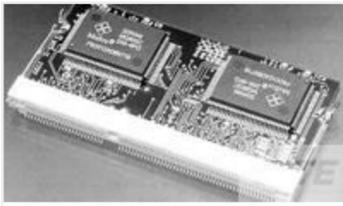


Also in the Series | **BNC**



Customers Also Bought

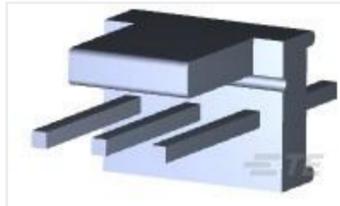




TE Part #6-390113-1
SKT,SODIMM,144P,SDRAM3.3V,STD,
T&R



TE Part #640385-2
02P MTA156 HDR ASSY SQ R/A



TE Part #3-641213-3
03P MTA100 HDR ASSY PO/ST LF



TE Part #9-2176070-7
3521 100K 1% 2W



TE Part #4-2176455-0
CPF 0402 280K 0.1% 25ppm 1K RL



TE Part #997183-000
TTMS-3.2-9

Documents

Product Drawings

JACK,DECOUP,LOW PROFILE,ESD,BNC

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5414651-3_A.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5414651-3_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5414651-3_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

Decoupled Connectors

English

Product Specifications

PCB Decoupled BNC Straight & Right Angle Jacks

English

Product Specification

English

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