



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]
[View on TE.com >](#)

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

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RF Connector Center Contact Underplating Material	Nickel
	30 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	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	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) 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



TE Part # 5227079-7
COMM. BNC-PLUG



TE Part # 5330876
BNC PLUG



TE Part # 5221128-1
PLUG,COMMERCIAL BNC



TE Part # 1-5227079-1
COMM BNC PLUG



TE Part # CAT-076-BNCJKSH50
BNC RF Connector: jack assembly - short, 50 Ohm, 4Ghz



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



TE Part # 5227079-6
COMM. BNC-PLUG



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



TE Part # 5227426-1
BNC BLKHD RECPT SEALED



TE Part # 5227169-5
BNC - SOLDER RECEIPT



TE Part # 5227079-5
COMM BNC PLUG



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



TE Part # 5227169-8
BNC - SOLDER RECEIPT



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



TE Part # 1-221128-0
PLUG,COMMERCIAL BNC



TE Part # 1-5227079-6
COMM BNC PLUG



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



TE Part # 5227169-7
BNC SOLDER JACK RECEPTACLE

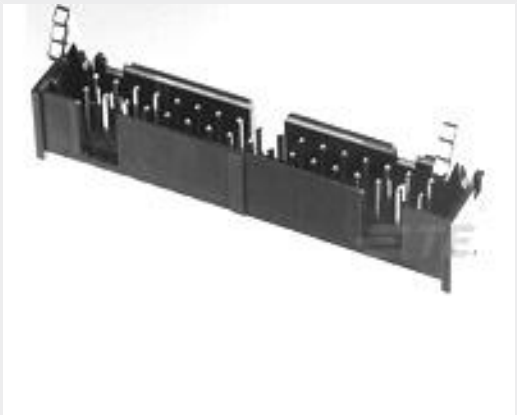


TE Part # 1-5221128-7
PLUG,COMMERCIAL BNC



TE Part # 5413959-3
BNC HEX RT ANG PLUG 50 OHM

Customers Also Bought



TE Part #1761606-7
IDC LOW PRO HDR 20P VERT LAT BLK



TE Part #3-1123723-7
3.96 EP HDR ASSY 7P(BLUE)



TE Part #5-532955-6
36 MODII 2PC CE RCPT ASSY, RoHS



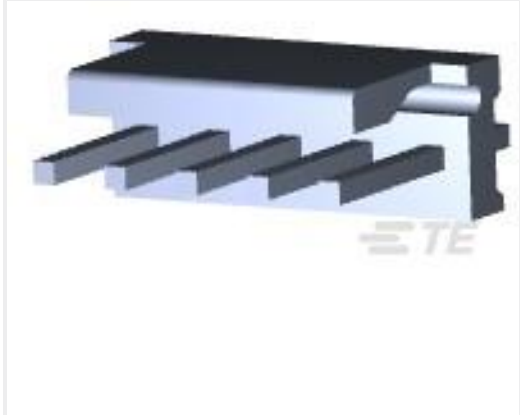
TE Part #5650478-5
ASSY,PIN,EUROCARD,TYPE C/2,LEA



TE Part #1761690-9
IDC LOW PRO HDR 26P RA LAT



TE Part #1-1747981-1
Std HDMI, RA, SMT, Panel grd, Flange



TE Part #3-641208-5
05P MTA156 HDR ASSY FL ST LF



TE Part #6-103635-3
14 MTE HDR SRRA LTCH.100CL LF



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