



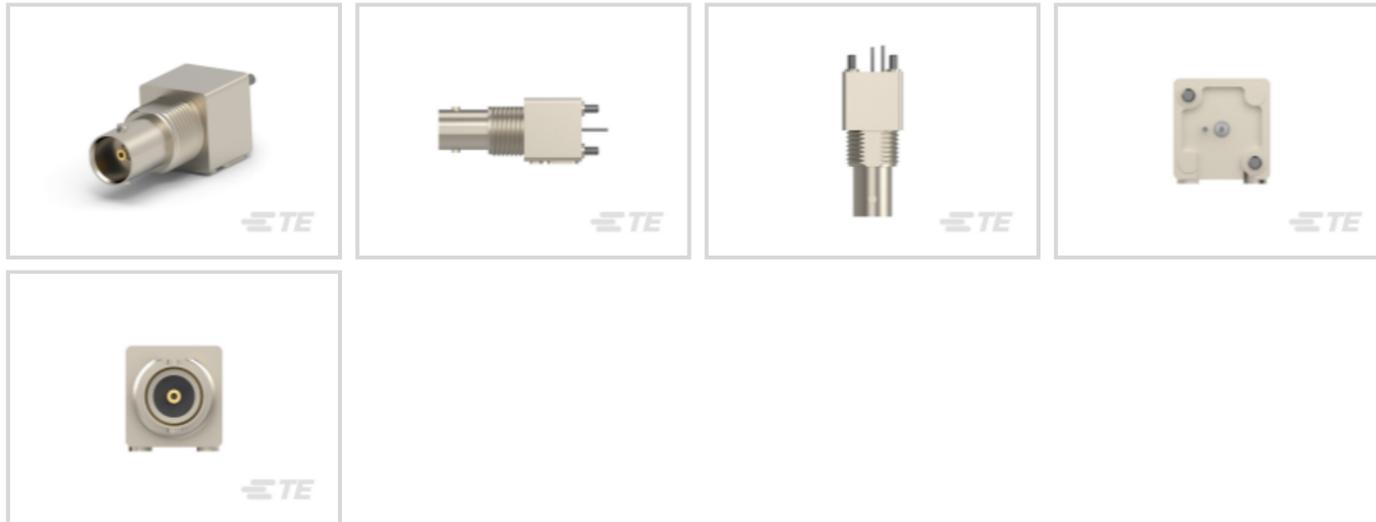
**BNC**

TE Internal #: 5222132-1

BNC Connector, Jack, 75 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: **75 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	Vertical
Number of Positions	1
Number of Coaxial Contacts	1

**Electrical Characteristics**

Impedance	75 Ω
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**Body Features**

Body Material	Die Cast Zinc
Body Plating Material	Nickel

### Contact Features

	30 µin
RF Connector Center Contact Underplating Material	Nickel
RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Beryllium Copper

### Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	5.33 mm[.21 in]

### Mechanical Attachment

Panel Attachment Style	Rear Mount
PCB Mount Retention	With
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	3.48 mm[.137 in]
Profile Height from PCB	34.93 mm[1.375 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 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: JUNE 2024 (241) SVHC > Threshold: Pb (3.7% in Component Part) <b>Article Safe Usage Statements:</b> 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 Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

### Product Compliance Disclaimer

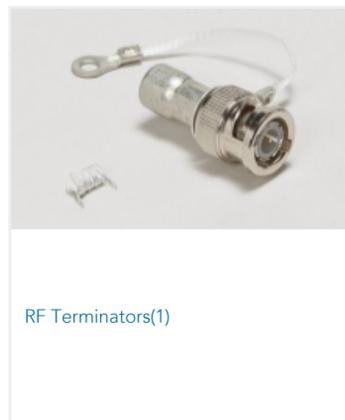
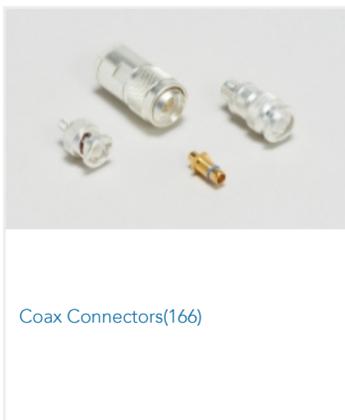
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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





Also in the Series | **BNC**



Customers Also Bought



TE Part #81543-20  
CONT SOC ASSY



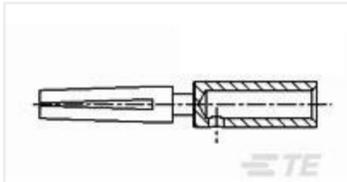
TE Part #5-104362-4  
05 MTE HDR SRST LATCH W/HLDWN



TE Part #5-1437719-4  
T01-0560-S03-FEMALE REC PANEL-PCB MNT RA



TE Part #6-1437719-0  
T01-0560-S05-FEMALE REC PANEL-PCB MNT RA



TE Part #5-1437720-7  
T01-CRIMP-S05=TRIAD



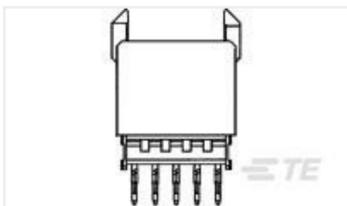
TE Part #1825851-1  
AMPMODU MOD IV LATCH for AMPLA



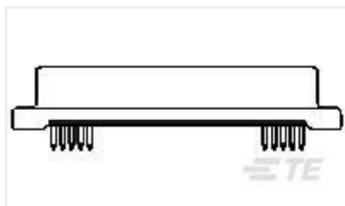
TE Part #8-1879208-9  
CPF 0402 47K 0.1% 25PPM 1K RL



TE Part #2176443-6  
HCF110 100W 68R 5% LEAD



TE Part #5106774-1  
Z-PACK/B25 VF 125P



TE Part #5173279-3  
MINI MITE PLUG ASSY 50P (V)

## Documents

### Product Drawings

JACK,VERTICAL,PCB,75 OHM,BNC

English

### CAD Files

3D PDF

English

Customer View Model

[ENG\\_CVM\\_5222132-1\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_5222132-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_5222132-1\\_A.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

5222132-1

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## BNC Connectors

English