

5227426-1 ✓ ACTIVE



BNC

TE Internal #: 5227426-1

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

[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

Connector Seal & Plug Type	Gasket
RF Interface	BNC
RF Connector Style	Jack
Connector System	Cable-to-Board
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Body Material	Phosphor Bronze
Body Plating Material	Nickel

Contact Features

	762 μin
RF Connector Center Contact Underplating Material	Nickel
RF Connector Center Contact Plating Material	Gold (Au)



RF Connector Center Contact Material

Phosphor Bronze

Termination Features

Termination Method to PCB

Through Hole - Solder

Mechanical Attachment

Panel Attachment Style

Rear Mount

RF Connector Coupling Mechanism

Bayonet

Connector Mounting Type

Panel Mount

RF Contact Captivation Method

Mechanical

Detent

With

Housing Features

Body Orientation

Straight

Dimensions

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

Packaging Features

Packaging Method

Package

Other

Grade

Commercial

Dielectric Material

Polymethylpentene

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2025
(247)

SVHC > Threshold:

Pb (3.7% in 74019790)

DBMC (1.9% in 4857294756)

Article Safe Usage Statements:

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. 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

Hand solderable with lead free solder

Product Compliance Disclaimer

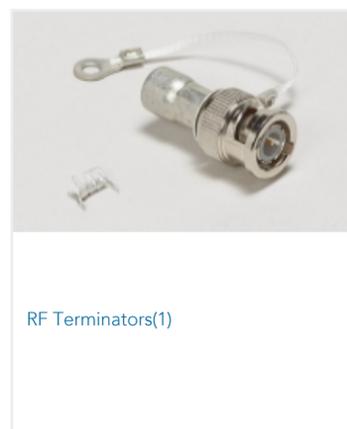
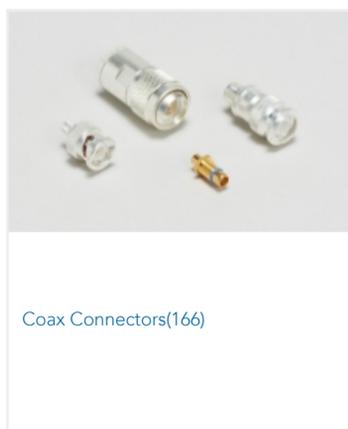
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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





Documents

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_5227426-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_5227426-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_5227426-1_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 Connectors

English