



TE Internal #: 5227755-1

RF Connectors, BNC RF Interface, Jack, 50 Ω, Bayonet, 4 GHz

Operating Frequency, Cable-to-Board, 1 Position, Wire & Cable, Panel Mount

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Connectors > RF Coax Connectors > RF Connectors > BNC RF Connector: jack assembly - short, 50 Ohm, 4Ghz



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**

[All BNC RF Connector: jack assembly - short, 50 Ohm, 4Ghz \(5\)](#)

Features

Product Type Features

RF Interface	BNC
RF Connector Style	Jack
Connector System	Cable-to-Board
Sealable	No
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

Cable Connector Orientation	Straight
Body Material	Zinc
Body Plating Material	Nickel

Contact Features

RF Connector Center Contact Underplating Material	Nickel
	5080 μin



RF Connector Center Contact Plating Material	Tin
RF Connector Center Contact Material	Phosphor Bronze

Termination Features

Termination Method to Wire & Cable	Solder Terminal
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Mechanical Attachment

Panel Attachment Style	Front Mount
RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	With

Dimensions

Panel Thickness (Recommended)	1.17 – 3.18 mm[.046 – .125 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	Carton
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Other

RF Connector Comment	Includes solder terminal and jam nut
Grade	Commercial
Dielectric Material	VALOX

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	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224)



Candidate List Declared Against: JUNE 2022 (224)
SVHC > Threshold:
Pb (3.7% in Component Part)

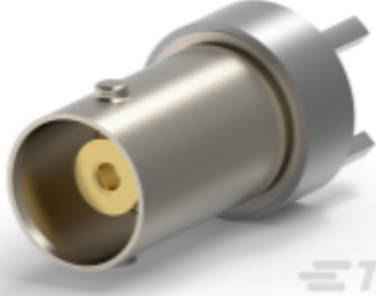
Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

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 # CAT-076-BNCJKISG50 BNC RF Connector: Jack Assembly, Isolated Ground Protection, 50 Ohm	 TE Part # CAT-076-BNCVTBAY BNC Vertical Jack RF Connector, 50 Ohm, Bayonet Coupling Mechanism	 TE Part # CAT-076-BNCRABAY BNC RF Connector: Male (Jack), Right Angle	 TE Part # 5227755-2 BNC SOLDER RECEPT JACK SHORT
 TE Part # 6274315-1 BNC JACK, NONSWITCHING	 TE Part # 5227169-4 BNC - SOLDER RECEPT	 TE Part # 9-227260-0 LOCKWASHER, TERMINAL, LEAD FREE	 TE Part # 5414651-3 JACK, DECOUP, LOW PROFILE, ESD, BNC



TE Part # 330878
BNC PLUG POLYPROPYLENE



TE Part # 5330878
BNC PLUG POLYPROPYLENE



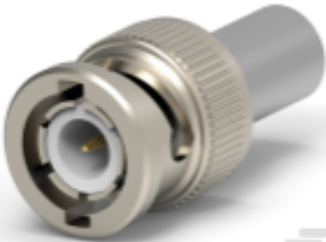
TE Part # 5414265-3
PLUG, TWIST ON, COML BNC



TE Part # 5413515-2
JACK, DECOUPLER, RTANG, BNC PCB



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



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



TE Part # 2-5221128-3
PLUG, COMMERCIAL BNC



TE Part # 5221128-1
PLUG, COMMERCIAL BNC



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

Documents

Product Drawings

BNC SOLDER RECEPT JACK SHORT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5227755-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5227755-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5227755-1_B.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

Product Specifications

Product Specification

English