



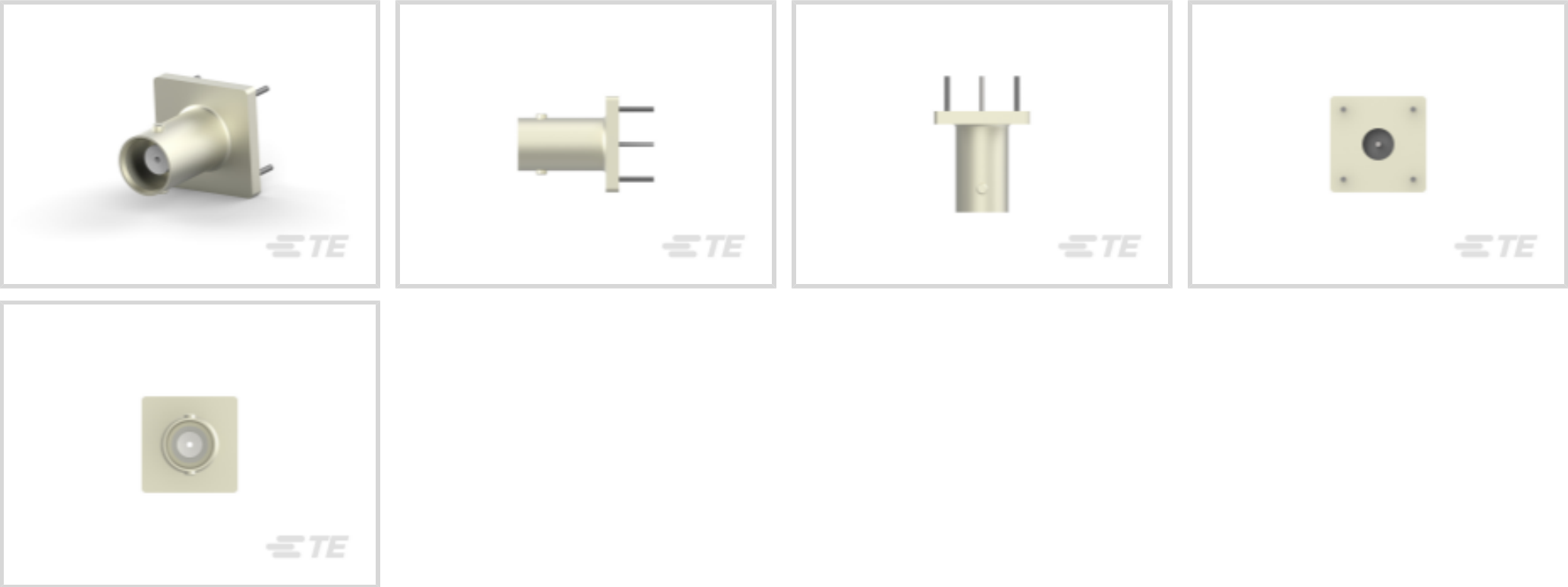
TE Internal #: 5227699-1

RF Connectors, BNC RF Interface, Jack, RF Connector Mated Outer Diameter (Approximate) .572 in [14.53 mm], 50 Ω, Bayonet, 4GHz

Operating Frequency

[View on TE.com >](#)

Connectors > RF Coax Connectors > RF Connectors > BNC Vertical Male (Jack) RF Connector, 50 Ohm, Bayonet Coupling Mechanism



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 Vertical Male \(Jack\) RF Connector, 50 Ohm, Bayonet Coupling Mechanism \(32\)](#)

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

Number of Positions	1
PCB Mount Orientation	Vertical
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Body Insulation	Without
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Body Material	Zinc
Body Plating Material	Nickel

Contact Features

RF Connector Center Contact Underplating Material	Copper, Nickel
	5080 μin
RF Connector Center Contact Plating Material	Silver
RF Connector Center Contact Material	Phosphor Bronze

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	6.35 mm[.25 in]

Mechanical Attachment

PCB Mount Retention	Without
RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	With

Dimensions

RF Connector Mated Outer Diameter (Approximate)	14.53 mm[.572 in]
Height Above PC Board	15.88 mm[.625 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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Operation/Application

Operating Frequency	4 GHz
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Packaging Features

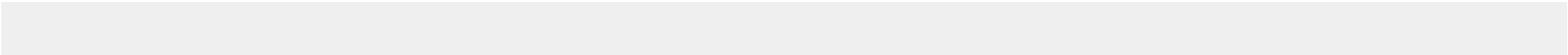
Packaging Method	Tube
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Other

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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (4% 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	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 # CAT-076-BNCJKISG50
BNC RF Connector: Male (Jack)
Assembly, Isolated Ground Protection,
50 Ohm

TE Part # CAT-076-BNCJKSH50
BNC RF Connector: Male (Jack)
assembly - short, 50 Ohm, 4Ghz

TE Part # 2-5221128-1
PLUG,COMMERCIAL BNC

TE Part # 5-1634516-1
BNC RM BHJ Hex 50Ohm Nickel Pltd
RG58C/U

TE Part # 5-1634500-2
BNC Str Plg Hex 50Ohm Nickel Pltd
RG58C/

TE Part # 5413959-1
PLUG RTANG BNC HEX 50 OHM

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

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



 TE Part # 5227079-5 COMM BNC PLUG	 TE Part # 1-5221128-0 PLUG,COMMERCIAL BNC	 TE Part # 5228980-5 JACK,BULKHEAD,COM'L,BNC	 TE Part # 8-5227079-2 COMM BNC PLUG
 TE Part # 5413779-3 COML BNC,50 OHM, HEX CRIMP	 TE Part # 5227079-7 COMM. BNC-PLUG	 TE Part # 1-5227079-9 COMM BNC PLUG	 TE Part # 1-221128-0 PLUG,COMMERCIAL BNC
 TE Part # 1-5221128-1 PLUG,COMMERCIAL BNC	 TE Part # 1-5227079-1 COMM BNC PLUG	 TE Part # 2-5221128-3 PLUG,COMMERCIAL BNC	 TE Part # 2-5221128-7 PLUG,COMMERCIAL BNC

Customers Also Bought

 TE Part #1-5499913-0 AMP-LATCH UNIVERSAL HEADERS	 TE Part #2-1623789-4 Wirewound Resistor: Vertical Mount	 TE Part #1625854-2 0805 PROBE PAD	 TE Part #1625854-3 0603 PROBE PAD
 TE Part #1879213-5 CPF 0402 28R7 0.1% 25PPM 1K RL	 TE Part #1-1393767-1 R10-E2X2-V185=R10	 TE Part #YDTS26G25-35PNV001 D38999: Straight Plug, 25-35 Insert	 TE Part #1-1879207-9 RN 0603 309K 0.1% 10PPM 5K RL



TE Part #1-1614959-4
CPF0805 2M0 0.1% 25PPM 1K RL

TE Part #03561310-000
LVDT 250 MHR-3882 ASSEMBLY

Documents

Product Drawings
BNC PCB VERTICAL

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5227699-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_5227699-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_5227699-1_A.3d_stp.zip

English

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Datasheets & Catalog Pages
BNC Connectors

English

Product Specifications
Product Specification

English

Surface Mount Smart Card Connector

English

Product Specification

English

Product Environmental Compliance
TE Material Declaration

English

Instruction Sheets
Instruction Sheet (U.S.)

5227699-1

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English