



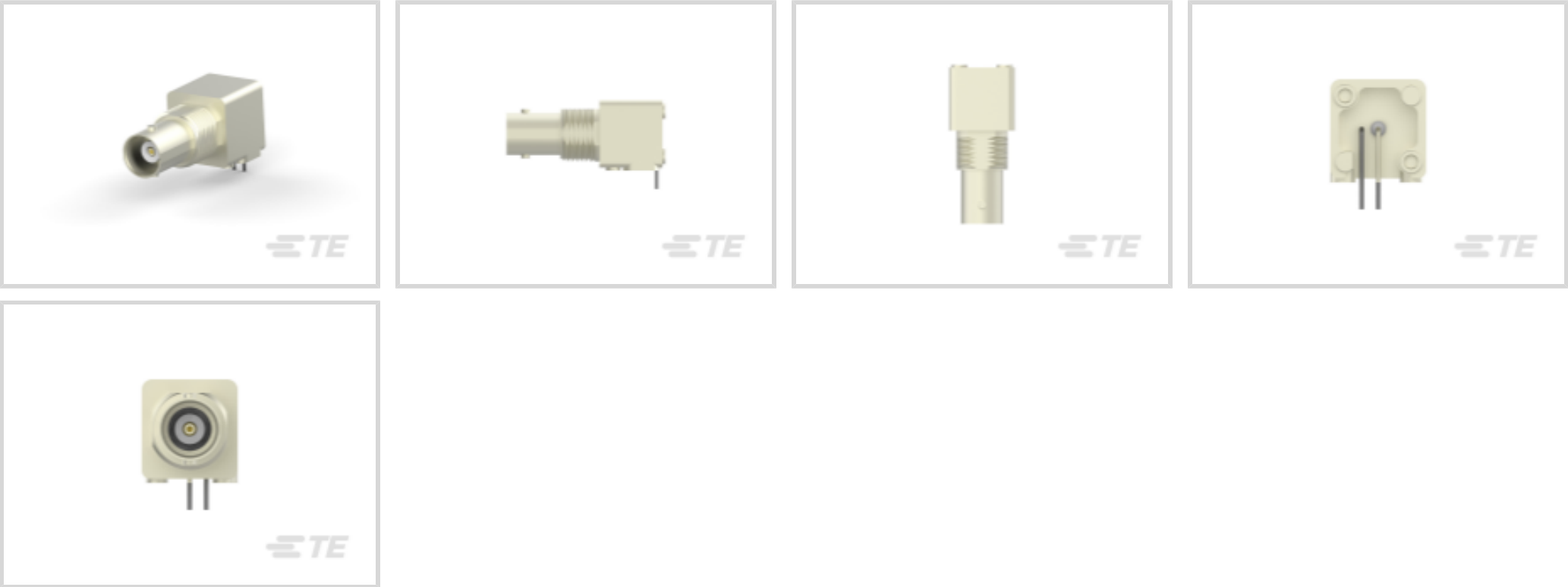
TE Internal #: 5227433-1

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

Operating Frequency, Cable-to-Board, 1 Position, Printed Circuit Board, Panel Mount

[View on TE.com >](#)

Connectors > RF Coax Connectors > RF Connectors > BNC Vertical 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 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	Nickel
	5080 μin
RF Connector Center Contact Plating Material	Tin
RF Connector Center Contact Material	Phosphor Bronze

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	4.1 mm[.162 in]

Mechanical Attachment

Panel Attachment Style	Rear Mount
PCB Mount Retention	Without
Panel Mount Feature Type	Lockwasher and Nut
RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	Without

Dimensions

RF Connector Mated Outer Diameter (Approximate)	14.53 mm[.572 in]
Profile Height from PCB	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	Tray
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Other

Grade	Commercial
Comment	If an Insulating Bushing is required, see Part Number 330620.
Dielectric Material	Polymethylpentene



Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 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



TE Part # CAT-076-BNCJKISG50
BNC RF Connector: Jack Assembly, Isolated Ground Protection, 50 Ohm



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



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



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



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 # 5228979-7
JACK,COML,SERIES BNC,GOLD PL



TE Part # 5228980-6
JACK,BHD,COML,SERIES BNC,GOLD



TE Part # 5227426-1
BNC BLKHD RECPT SEALED



TE Part # 228979-7
JACK,COML,SERIES BNC,GOLD PL



TE Part # 413779-3
COML BNC,50 OHM, HEX CRIMP



TE Part # 5227169-5
BNC - SOLDER RECEPT



TE Part # 5227169-8
BNC - SOLDER RECEPT



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



TE Part # 228979-6
JACK,COML,SERIES BNC,GOLD PL



TE Part # 228980-6
JACK,BHD,COML,SERIES BNC,GOLD



TE Part # 228980-7
JACK,BHD,COML,SERIES BNC,GOLD



TE Part # 414265-3
PLUG, TWIST ON, COML BNC



TE Part # 5228979-6
JACK,COML,SERIES BNC,GOLD PL

Customers Also Bought



TE Part #1761028-1
26 50SR R/A RCPT ASSY,LEAD FREE



TE Part #2-330062-1
BNC JACK KIT



TE Part #2299870-1
THERMAL ZQSFP+ STACKED REC ASSEMBLY 2X2




TE Part #2292096-1
RCPT ASSY SMT VERT 50 POSN MBC





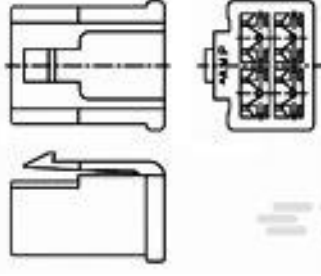
TE Part #8-1879213-3
CPF 0402 215R 0.1% 25PPM 1K RL



TE Part #1466292-1
032-0021-0001=PLUG,STR S-50



TE Part #4-1879207-5
RN 0603 442K 0.1% 10PPM 1K RL



TE Part #174202-1
250 FASTON HSG.,REC.,4 POS, NATURAL

Documents

Product Drawings

BNC PCB JACK BLKHD ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5227433-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5227433-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5227433-1_A.3d_stp.zip

English

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Product Specifications

Product Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English