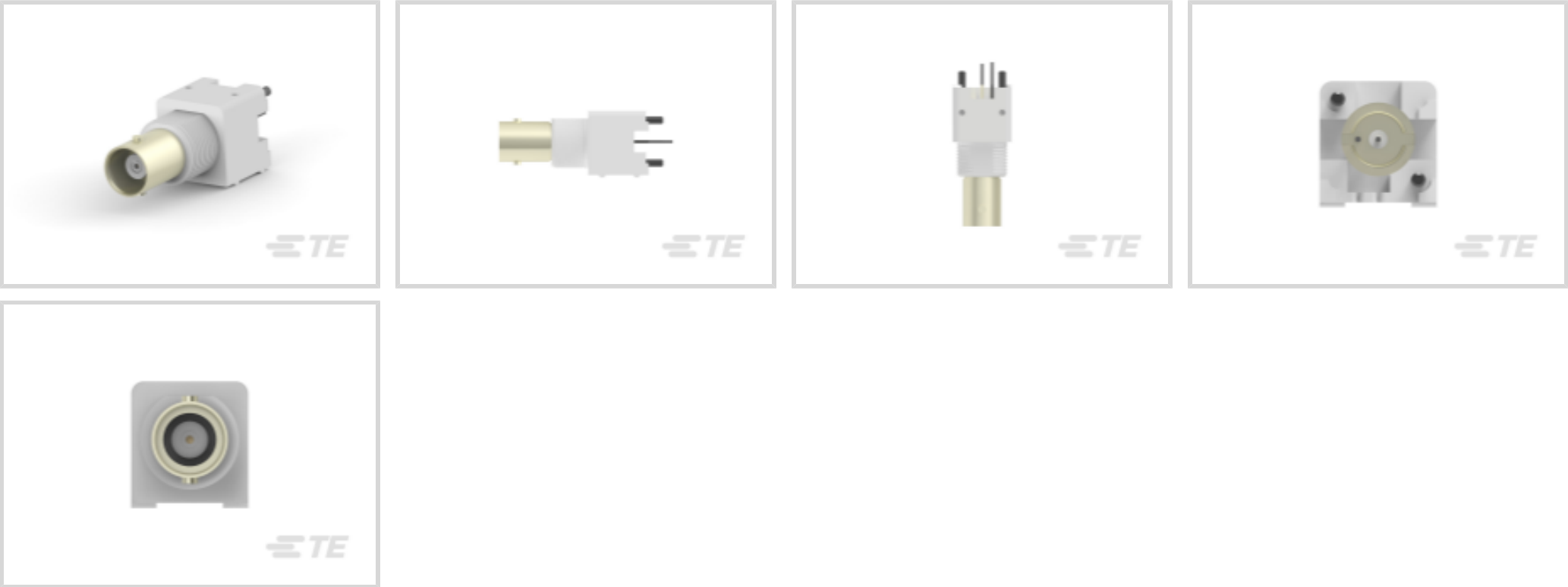




TE Internal #: 5227222-1  
BNC RF Interface, Jack, 50 ohm, Bayonet, 4 GHz Operating  
Frequency, Cable-to-Board / Cable-to-Panel, 1 Position, Printed  
Circuit Board, Panel Mount  
[View on TE.com >](#)

Connectors > RF Connectors > Coax 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 \(28\)](#)

Features

Product Type Features

RF Interface	BNC
RF Connector Style	Jack
Connector System	Cable-to-Board, Cable-to-Panel
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	50 Ω
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Body Features

Body Material	Polyester, PBT
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Body Material Finish	Passivated
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 Post & Tail Length	5.33 mm[.21 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Housing Color	White
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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	4 GHz
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Packaging Features

Packaging Method	Tube
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Other

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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	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) 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	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: Jack Assembly, Isolated Ground Protection, 50 Ohm



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



















TE Part # 5227426-1  
BNC BLKHD RECPT SEALED



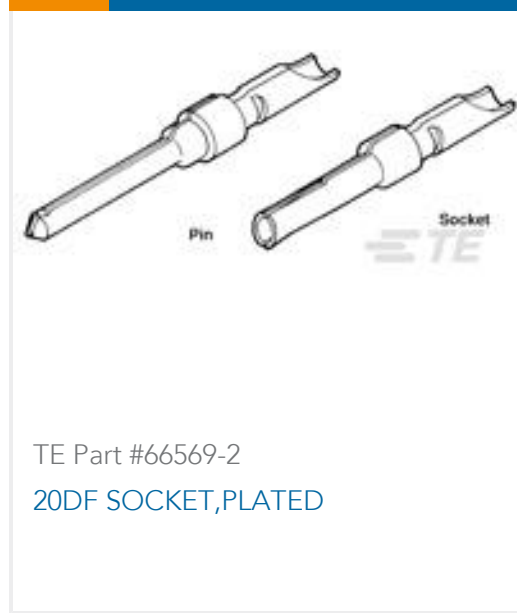
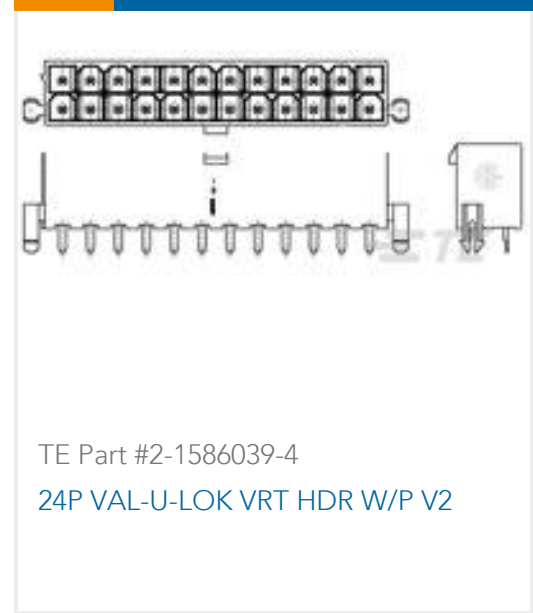


TE Part # 5413771-3  
JACK BLKHD,COML BNC,HEX CRIMP



 <p>TE Part # 1-5227079-6 COMM BNC PLUG</p>	 <p>TE Part # 5413779-3 COML BNC,50 OHM, HEX CRIMP</p>	 <p>TE Part # 1-329631-2 JAM NUT, PLATED</p>	 <p>TE Part # 5227169-5 BNC - SOLDER RECEPT</p>
 <p>TE Part # 5227169-7 BNC SOLDER JACK RECEPTACLE</p>	 <p>TE Part # 5227169-8 BNC - SOLDER RECEPT</p>	 <p>TE Part # 5228979-7 JACK,COML,SERIES BNC,GOLD PL</p>	 <p>TE Part # 5228980-7 JACK,BHD,COML,SERIES BNC,GOLD</p>
 <p>TE Part # 1-5221128-7 PLUG,COMMERCIAL BNC</p>	 <p>TE Part # 5227079-5 COMM BNC PLUG</p>	 <p>TE Part # 5227079-6 COMM. BNC-PLUG</p>	 <p>TE Part # 8-5227079-2 COMM BNC PLUG</p>
 <p>TE Part # 1-5227079-1 COMM BNC PLUG</p>	 <p>TE Part # 413779-3 COML BNC,50 OHM, HEX CRIMP</p>	 <p>TE Part # 5330876 BNC PLUG</p>	 <p>TE Part # 1-5221128-0 PLUG,COMMERCIAL BNC</p>

Customers Also Bought

 <p>TE Part #32498 PIDG SPDFLG 22-16COM22-18MIL 8</p>	 <p>TE Part #3-644695-4 04P MTA100 STR HDR RETENTIVE</p>	 <p>TE Part #66569-2 20DF SOCKET,PLATED</p>	 <p>TE Part #2-1586039-4 24P VAL-U-LOK VRT HDR W/P V2</p>
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TE Part #1-1625868-9  
RP 2A 0.25W 8K25 0.1% 25PPM 1K RL



TE Part #3-641190-2  
02P MTA100 CONN ASSY RED LF



TE Part #NB12842001  
RNF-100-1/2-CL-STK



TE Part #1466289-1  
03100590001



TE Part #552100-1  
CLIP, BAIL

Documents

Product Drawings

VERT JK W/MTG PINS, BNC PCB

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_5227222-1\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_5227222-1\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_5227222-1\_C.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

Product Specification

English



5227222-1

BNC RF Interface, Jack, 50 ohm, Bayonet, 4 GHz Operating Frequency, Cable-to-Board / Cable-to-Panel, 1 Position, Printed Circuit Board, Panel Mount



Instruction Sheets

Instruction Sheet (U.S.)

English