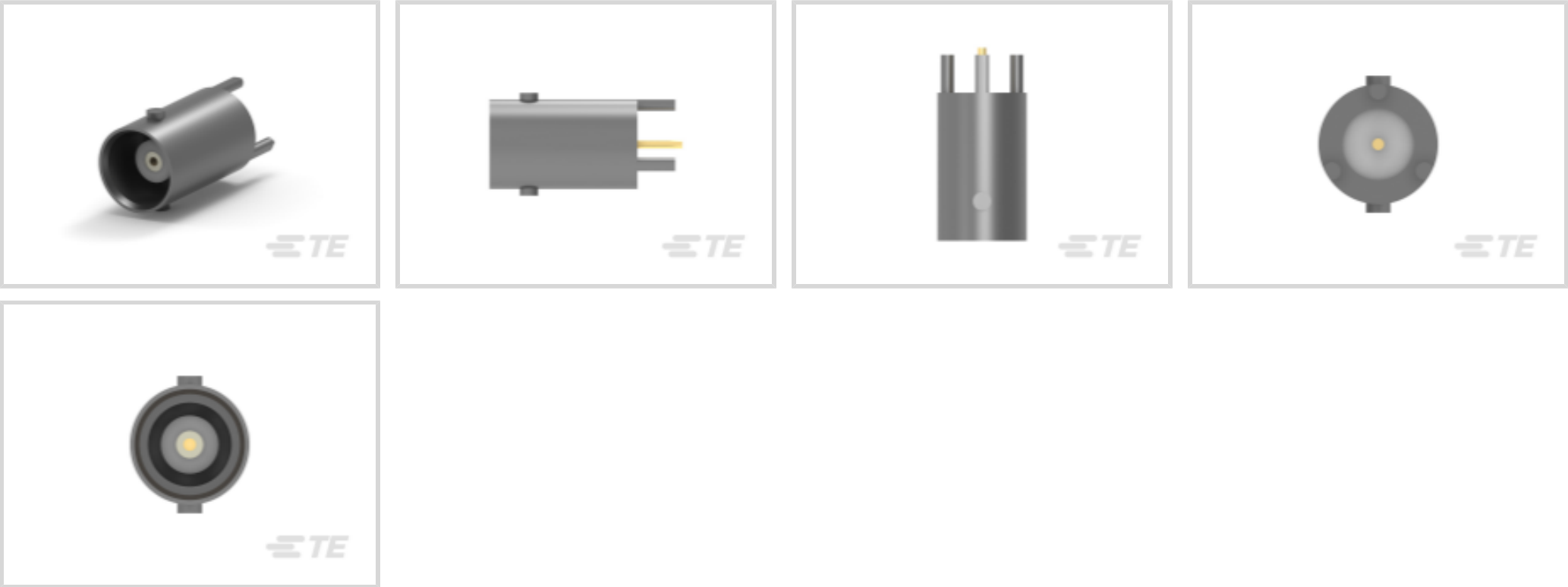




TE Internal #: 5221123-2
BNC Connector, Jack, 50 ohm, Bayonet, 4 GHz, Cable-to-Board, 1
Position, Printed Circuit Board, Board Mount, -55 – 85 °C [-67 – 185 °
F], Zinc
[View on TE.com >](#)

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 \(25\)](#)

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

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	Zinc
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Body Plating Material	Tin-Lead
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Contact Features

RF Connector Center Contact Underplating Material	Copper, Nickel
	1080 µin
RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Phosphor Bronze

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	4.83 mm[.19 in]

Mechanical Attachment

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

Dimensions

Profile Height from PCB	15.88 mm[.625 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

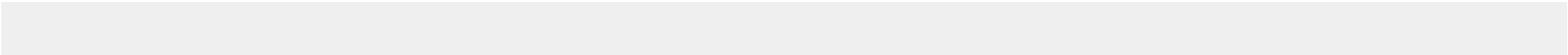
Packaging Method	Carton
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Other

Grade	Commercial
Dielectric Material	PBT

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (4% in 74024580) 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 # 2-221128-3 PLUG,COMMERCIAL BNC	 TE Part # 5227169-5 BNC - SOLDER RECEPT	 TE Part # 5227079-5 COMM BNC PLUG	 TE Part # 5228980-7 JACK,BHD,COML,SERIES BNC,GOLD
 TE Part # 5227169-8 BNC - SOLDER RECEPT	 TE Part # 5227079-7 COMM. BNC-PLUG	 TE Part # 5221128-1 PLUG,COMMERCIAL BNC	 TE Part # 1-5227079-1 COMM BNC PLUG

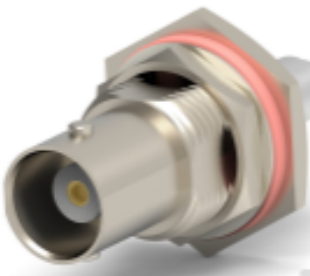




TE Part # CAT-076-BNCJKISG50
BNC RF Connector: Jack Assembly, Isolated Ground Protection, 50 Ohm



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



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



TE Part # 5227079-6
COMM. BNC-PLUG



TE Part # 1-5221128-0
PLUG,COMMERCIAL BNC



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



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 # 1-5221128-7
PLUG,COMMERCIAL BNC



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



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

Customers Also Bought



TE Part #2-1609034-0
20VSB6=F8334



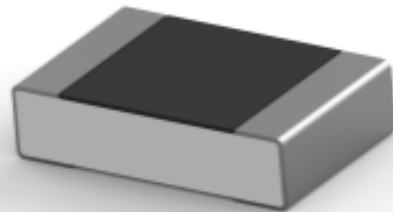
TE Part #5555140-4
MJ,LPF,R/A,6P/6C,SHLD,PNL GRD



TE Part #643488-1
03P CMNL HDR ASSY R/A



TE Part #4-2340321-6
ASSY STRADDLE MOUNT 168P 110 SLIVER 2.0



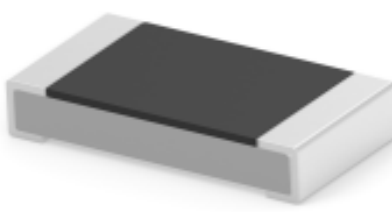
TE Part #7-2176380-3
RQ 0805 6K49 0.1% 10PPM 5K RL



TE Part #1-1879208-4
CPF 0402 36R 0.1% 25PPM 1K RL



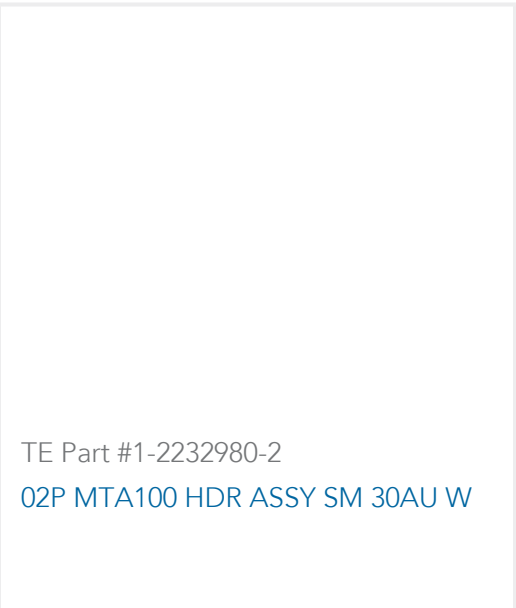
TE Part #207583-6
MMATE PIN HDR ASSY,6P LF



TE Part #4-2176392-8
RQ 1206 412K 0.1% 10PPM 5K RL



TE Part #5406528-1
[INV MJ ASSY,1X4](#)



TE Part #1-2232980-2
[02P MTA100 HDR ASSY SM 30AU W](#)

Documents

Product Drawings

[JACK,PCB,VERT,COMMERCIAL BNC](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_5221123-2_O.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_5221123-2_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_5221123-2_O.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

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English