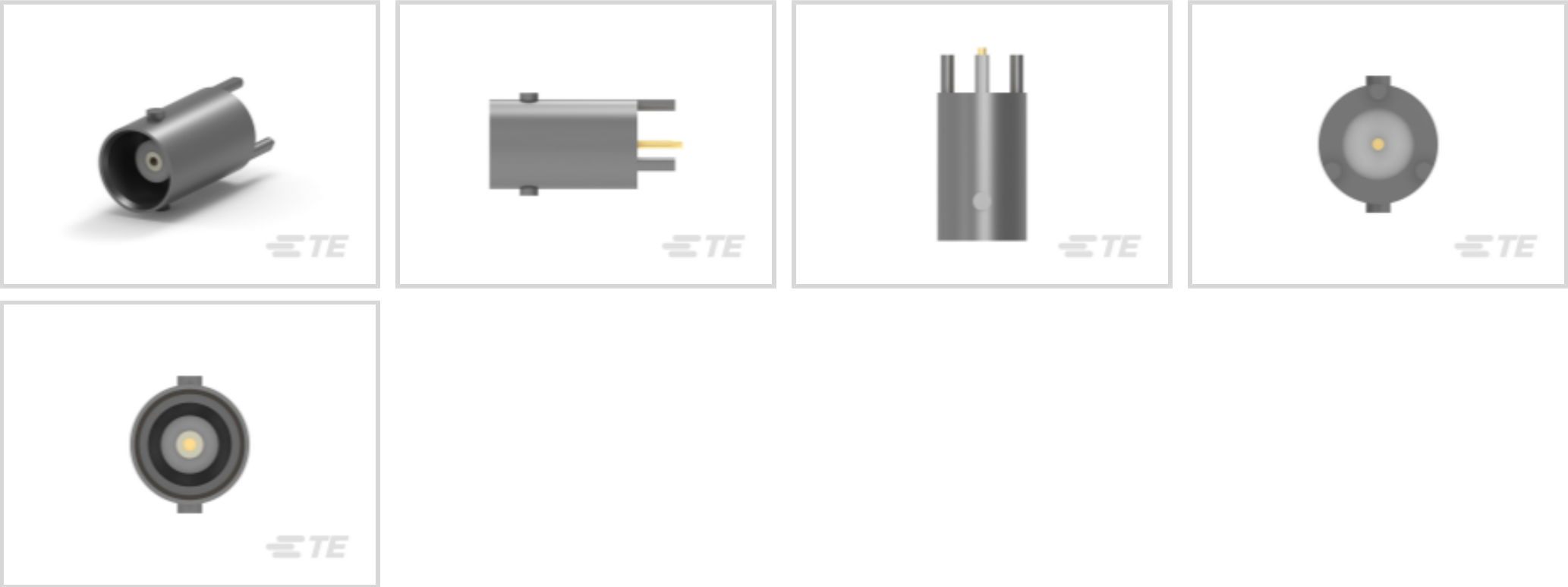




TE Internal #: 5221123-2
BNC RF Interface, Jack, 50 ohm, Bayonet, 4 GHz Operating
Frequency, Cable-to-Board, 1 Position, Printed Circuit Board, Board
Mount
[View on TE.com >](#)

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

Contact Features

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

Product Type Features

RF Interface	BNC
RF Connector Style	Jack
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Dimensions

RF Connector Mated Outer Diameter (Approximate)	14.53 mm[.572 in]
Profile Height from PCB	15.88 mm[.625 in]



Electrical Characteristics

Impedance	50 Ω
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Mechanical Attachment

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

Operation/Application

Operating Frequency	4 GHz
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Configuration Features

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

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
Insulation Option	Uninsulated

Body Features

Body Material	Zinc
Body Plating Material	Tin-Lead

Other

Dielectric Material	VALOX
EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions
Grade	Commercial

Packaging Features

Packaging Method	Carton
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Termination Features

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

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 (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: 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 # 1-5227079-6
COMM BNC PLUG



TE Part # 5413779-3
COML BNC,50 OHM, HEX CRIMP



TE Part # 5227169-5
BNC - SOLDER RECEPT



TE Part # 5227169-7
BNC SOLDER JACK RECEPTACLE



TE Part # 5227169-8
BNC - SOLDER RECEPT



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



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



TE Part # 1-5221128-7
PLUG,COMMERCIAL BNC



TE Part # 5227079-5
COMM BNC PLUG



TE Part # 5227079-6
COMM. BNC-PLUG



TE Part # 8-5227079-2
COMM BNC PLUG



TE Part # 1-5227079-1
COMM BNC PLUG



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



TE Part # 2016080-2
JACK,PCB,COMMERCIAL BNC



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



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



TE Part # 5227079-7
COMM. BNC-PLUG

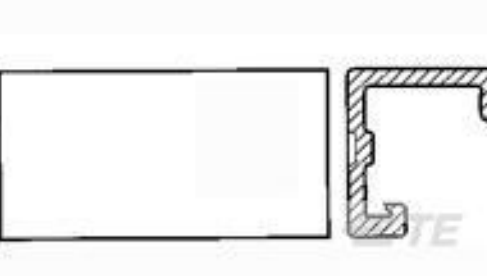
Customers Also Bought



TE Part #5413194-1
BNC, RT ANG, PCB, JACK



TE Part #4-640441-2
12P MTA100 CONN ASSY WHT



TE Part #1-640550-2
12P MTA100 COVER



TE Part #194010-1
PIN ASSY..070

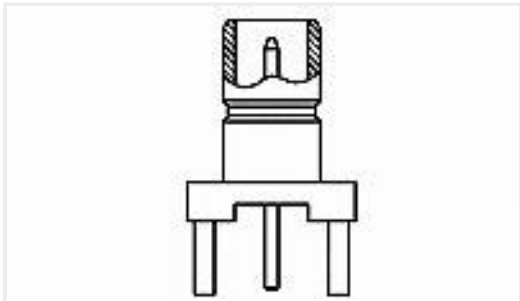




TE Part #104257-8
09 MTE RCPT HSG SR LATCH .100



TE Part #5-534237-5
07 MODII VRT SR CE 100/115



TE Part #415504-4
JACK,PCB,MINI-SMB VERT 75 OHM



TE Part #382811-5
SHUNT, ECON, PHBRN, BLACK



TE Part #484438-E
MICROS STV 54 9999 188 9999 0007 J
3 484

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