



Connectors > RF Coax Connectors > RF Connectors



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**

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

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Voltage Rating	1500 VDC
Capacitance	9400 pF
Impedance	50 Ω

Body Features

Clip Style	Standard
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Connector Profile	Low
Body Material	Zinc
Body Plating Material	Nickel

Contact Features

RF Connector Center Contact Underplating Material	Nickel
	30 μin
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Phosphor Bronze

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	3.43 mm[.135 in]

Mechanical Attachment

PCB Mount Retention	With
Panel Mount Feature Type	Lockwasher and Nut
RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	With

Dimensions

Mounting Post Length	4.01 mm[.158 in]
RF Connector Mated Outer Diameter (Approximate)	14.53 mm[.572 in]
Height Above PC Board	13.18 mm[.519 in]

Usage Conditions

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

Operating Frequency	1 GHz
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Packaging Features

Packaging Method	Tube
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Other

Grade	Commercial
Dielectric Material	Polymethylpentene



Product Compliance

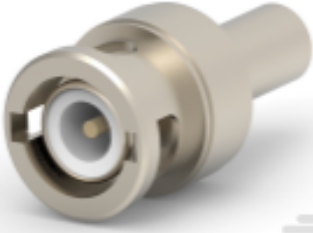
For compliance documentation, visit the product page on TE.com>

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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
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



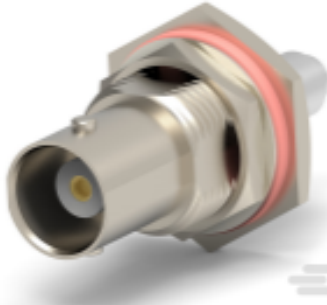
TE Part # 5-1634500-2
BNC Str Plg Hex 50Ohm Nickel Pltd
RG58C/



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



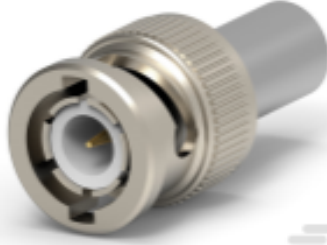
TE Part # 5413779-3
COML BNC,50 OHM, HEX CRIMP



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

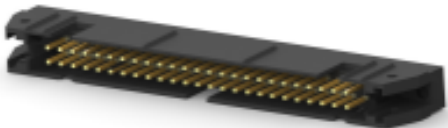


TE Part # 2-5221128-3
PLUG,COMMERCIAL BNC



TE Part # 2-5221128-7
PLUG,COMMERCIAL BNC

Customers Also Bought



TE Part #1-5499910-0
AMP-LATCH UNIVERSAL HEADERS



TE Part #1-745967-4
D-Sub Receptacle Assembly: Vertical,
Shell Size 3, 2.77mm



TE Part #1-1123723-9
3.96 EP HDR ASSY 9P(NATURAL)



TE Part #1-1956170-6
RY211012R



TE Part #1-406541-8
MJ,INV,1X1,0PNL G,.100"ST,SN

TE Part #1-796636-0
10POS 5.08MM CE VRT HDR,TRM BK

TE Part #103239-8
08 MODII HDR SRST B/A .100CL

TE Part #DTP10-4P
DEUTSCH DTP HEADERS

Documents

Product Drawings
JACK,DECOUPLER,RTANG,BNC PCB
English

CAD Files
3D PDF
English
Customer View Model
ENG_CVM_5413515-2_C.2d_dxf.zip
English
Customer View Model
ENG_CVM_5413515-2_C.3d_igs.zip
English
Customer View Model
ENG_CVM_5413515-2_C.3d_stp.zip
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages
Decoupled Connectors
English

Product Specifications
PCB Decoupled BNC Straight & Right Angle Jacks
English
Product Specification
English

Product Environmental Compliance
Product Compliance
English
Product Compliance
English