

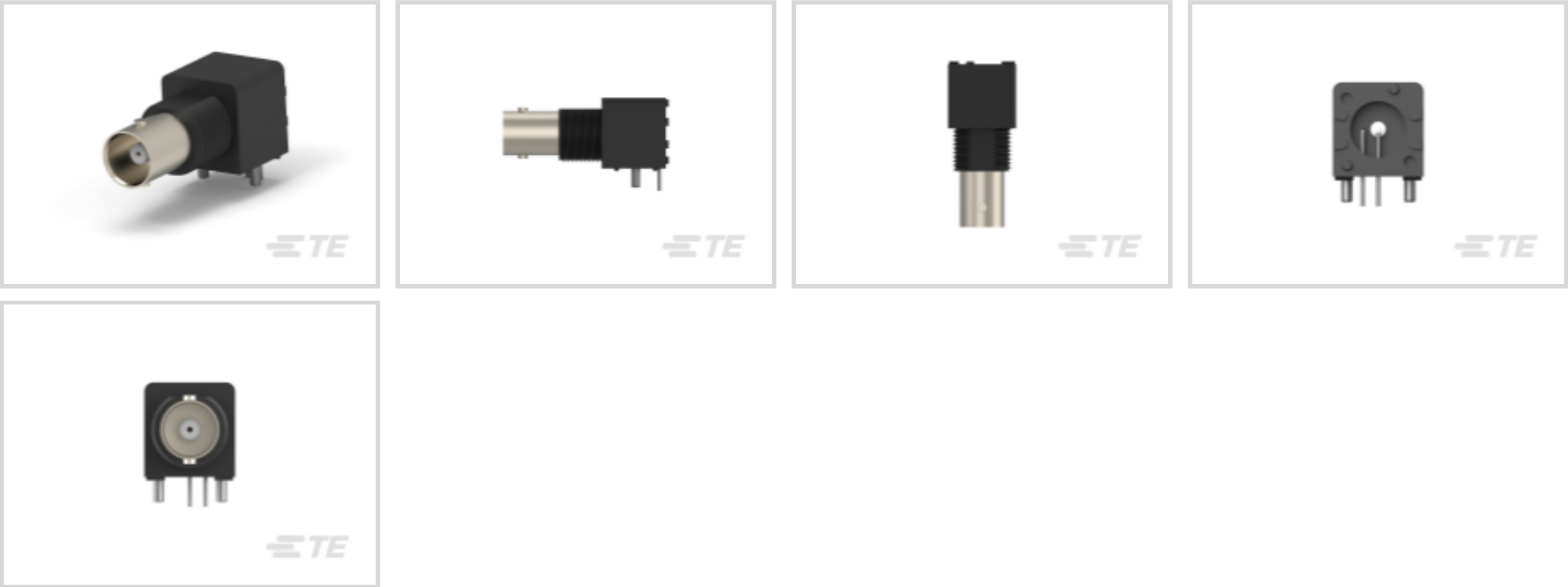


TE Internal #: 1-1634622-0

RF Connectors, BNC RF Interface, Jack, 75 Ω , RG Coax Cable, Bayonet, 2 GHz Operating Frequency, Cable-to-Board / Cable-to-Panel, 1 Position

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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: **75 Ω**

Compatible With RF Cable Type: **RG Coax Cable**

Features

Product Type Features

RF Interface	BNC
RF Connector Style	Jack
Compatible With RF Cable Type	RG Coax Cable
Connector System	Cable-to-Board, Cable-to-Panel
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	1
PCB Mount Orientation	Right Angle
Number of Coaxial Contacts	1

Electrical Characteristics

EMI & RFI Protection & Suppression Type	Isolated Ground
Impedance	75 Ω

Body Features

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Body Insulation	With
Body Shape	Circular
Body Material	Zinc
Body Plating Material	Nickel

Contact Features

RF Connector Center Contact Underplating Material	Copper, Nickel
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Brass

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	4.9 mm[.193 in]

Mechanical Attachment

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

Housing Features

Housing Color	Black
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Dimensions

Mounting Post Length	3.8 mm[.15 in]
Panel Cutout	12 x 12.9mm D-Shape
Panel Thickness (Recommended)	1.5 – 5.5 mm[.059 – .217 in]
PCB Thickness (Recommended)	3.3 mm[.13 in]
RF Connector Mated Outer Diameter (Approximate)	14.53 mm[.572 in]
Profile Height from PCB	15.8 mm[.622 in]

Usage Conditions

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

Operating Frequency	2 GHz
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Packaging Features



Packaging Method	Box
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Other

Flange & Thread Material Color	Black
Flange & Thread Material	PBT Polyester
Grade	Commercial
Dielectric Material	Polyethylene

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: JUL 2021 (219) SVHC > Threshold: Not Yet Reviewed
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 240°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 # 5-1634514-1
BNC Str Jk Hex 75Ohm Nickel Pltd
RG59B/U



TE Part # 1-5227079-6
COMM BNC PLUG



TE Part # 5-1634502-2
BNC Str Plg Hex 75Ohm Nickel Pltd
RG59B/



TE Part # 5-1634511-2
BNC Str Jk Hex 50Ohm Nickel Pltd
RG58C/U



TE Part # 5221221-5
JACK BLKHD 75OHM BNC



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



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



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



TE Part # 221221-5
JACK BLKHD 75OHM BNC



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



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



TE Part # 5-1634511-3
BNC Str Jk Hex 50Ohm Nickel Pltd
RG58C/U



TE Part # 2-5221128-1
PLUG,COMMERCIAL BNC



TE Part # 5413589-8
KIT,PLUG,COML BNC,HEX CRP



TE Part # 5413959-1
PLUG RTANG BNC HEX 50 OHM



TE Part # 5413589-3
KIT,PLUG,COML BNC,HEX CRP





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



TE Part # 5227079-5
COMM BNC PLUG




TE Part # 5221185-2
PLUG,75 OHM,COML BNC




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


Customers Also Bought




TE Part #640452-2
02P MTA100 HDR ASSY SQ STR




TE Part #1-6609037-8
3EMC3=F8146




TE Part #6609048-6
6EQ3=F7263 S0




TE Part #6609005-7
3EAS1=F7115N S0




TE Part #2110304-1
SFP+ 1x1 Cage Assembly, Solder Tail



TE Part #9-1437621-4
KLN1250A1/4=KNOB KNURL W/IND L



TE Part #2-917338-2
DYNAMIC 3200 VERTI. HDR ASY 4P



TE Part #1-1393583-3
C42334A 228A763=RP GEHAEUSE

Documents

Product Drawings
BNC Ins R/A PCB Skt 75Ohm Black
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-1634622-0_D.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1-1634622-0_D.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1-1634622-0_D.3d_stp.zip
English

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



Datasheets & Catalog Pages

ZDC_RF_COAX_CONNECTOR_SERIES_50&75_OHM

English

Product Specifications

Economy RF Coaxial Connectors

English

Product Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English