

221128-1 ✓ ACTIVE

TE Internal #: 221128-1

RF Connectors, BNC RF Interface, Plug, RF Connector Mated Outer

Diameter (Approximate) .572 in [14.53 mm], 50 Ω

[View on TE.com >](#)



Connectors > RF Coax Connectors > RF Connectors



RF Interface: **BNC**

RF Connector Style: **Plug**

RF Connector Mated Outer Diameter (Approximate): **14.53 mm [.572 in]**

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 58, RG 58A, RG 58B, RG 58C**

Features

Product Type Features

RF Interface	BNC
RF Connector Style	Plug
Compatible With RF Cable Type	RG 58, RG 58A, RG 58B, RG 58C
Connector System	Cable-to-Cable
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Body Insulation	Without
Body Shape	Circular
Cable Connector Orientation	Straight

Body Material	Zinc
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Body Plating Material	Nickel
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Contact Features

RF Connector Center Contact Underplating Material	Nickel
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	1080 μ in
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Crimp Type	Hex
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RF Connector Center Contact Plating Material	Gold
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RF Connector Center Contact Material	Brass
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

RF Connector Coupling Mechanism	Bayonet
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Connector Mounting Type	Cable Mount (Free-Hanging)
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RF Contact Captivation Method	Mechanical
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Detent	With
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Dimensions

RF Connector Mated Outer Diameter (Approximate)	14.53 mm [.572 in]
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Usage Conditions

Operating Temperature Range	-55 – 85 $^{\circ}$ C [-67 – 185 $^{\circ}$ F]
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Operation/Application

Operating Frequency	4 GHz
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Packaging Features

Packaging Quantity	100
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Packaging Method	Carton
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Other

Grade	Commercial
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Coupling Nut Base Material	Brass
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Dielectric Material	Polyethylene
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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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) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer


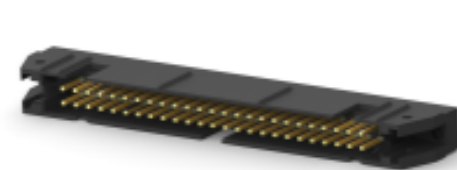
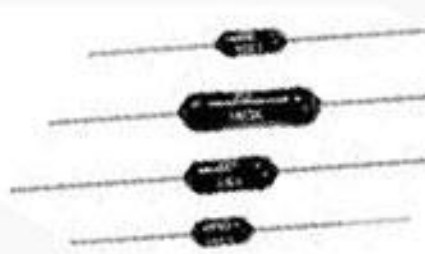





This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



 <p>TE Part # 2-5221128-1 PLUG,COMMERCIAL BNC</p>	 <p>TE Part # 5-1634516-1 BNC RM BHI Hex 50Ohm Nickel Pltd RG58C/U</p>	 <p>TE Part # 1-1337542-0 BNC Ins LP PCB Skt 50Ohm White</p>	 <p>TE Part # 5225395-1 BNC PLUG DUAL CRIMP RG58,A,B,C</p>
 <p>TE Part # 5413589-8 KIT,PLUG,COML BNC,HEX CRP</p>	 <p>TE Part # 1-1634612-0 BNC Ins R/A PCB Skt 50Ohm Black</p>	 <p>TE Part # 5-1634500-2 BNC Str Plg Hex 50Ohm Nickel Pltd RG58C/</p>	 <p>TE Part # 5-1634503-1 BNC Str PCB Skt 50Ohm Nickel Pltd RG58C/</p>
 <p>TE Part # 5413959-3 BNC HEX RT ANG PLUG 50 OHM</p>	 <p>TE Part # 5227079-5 COMM BNC PLUG</p>	 <p>TE Part # 5225398-7 BNC DUAL CRIMP JACJ</p>	 <p>TE Part # 1-5221128-0 PLUG,COMMERCIAL BNC</p>

Customers Also Bought

 <p>TE Part #1-188275-0 FEMALE-ON-BOARD CONNECTOR TOP ENTRY</p>	 <p>TE Part #102159-9 AMP-LATCH UNIVERSAL HEADERS</p>	 <p>TE Part #1-1879622-0 H4P 330K 1% 50PPM</p>	 <p>TE Part #1-826942-5 15P MOD2 STIFT LEI</p>
 <p>TE Part #1734346-1 STD USB TYPE B, R/A, SMT</p>	 <p>TE Part #YDTS26W15-19SBV001 D38999: Straight Plug, 15-19 Insert</p>	 <p>TE Part #118577-000 S01-05-R</p>	 <p>TE Part #104433-3 06 MODII HDR DRST B/A W/HD</p>



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_221128-1_AH.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_221128-1_AH.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_221128-1_AH.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

English

[QUALIFICATION TEST REPORT, CONNECTOR, COAXIAL, 50 AND 75 OHM COMMERCIAL BNC DUAL CRIMP TYPE](#)

English