

5221185-1 ✓ ACTIVE

TE Internal #: 5221185-1

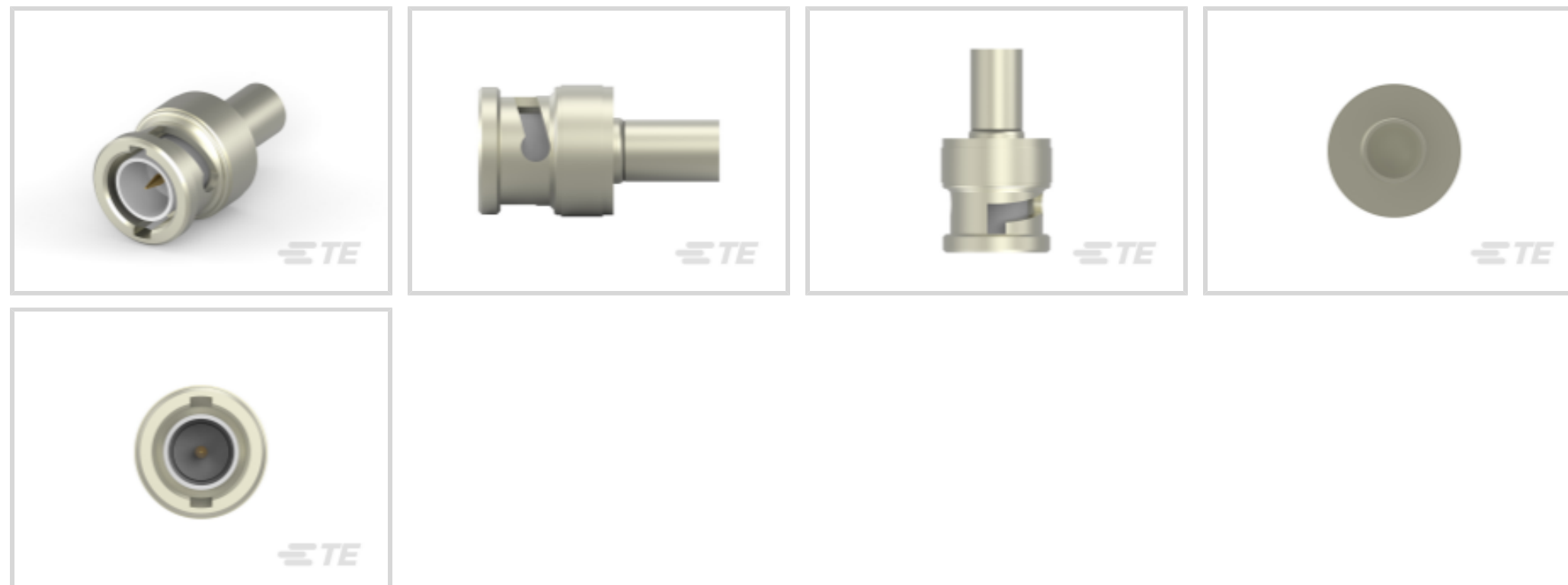
RF Connectors, BNC RF Interface, Plug, RF Connector Mated Outer

Diameter (Approximate) .572 in [14.53 mm], 75 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: **75 Ω**

Compatible With RF Cable Type: **Belden 9248**

Features

Product Type Features

RF Interface	BNC
RF Connector Style	Plug
Compatible With RF Cable Type	Belden 9248
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	75 Ω
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Body Features

Body Insulation	Without
Body Shape	Circular
Cable Connector Orientation	Straight

Body Material	Die Cast 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 m

Crimp Type	Dual
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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	-65 – 85 $^{\circ}$ C [-85 – 185 $^{\circ}$ F]
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Operation/Application

Operating Frequency	2 GHz
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Packaging Features

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](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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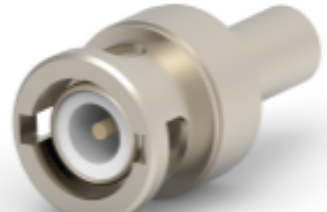
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2020 (205) SVHC > Threshold: Not Yet Reviewed
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

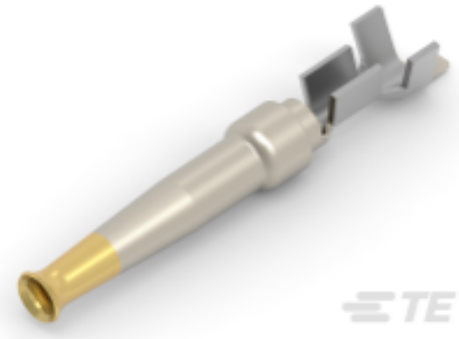
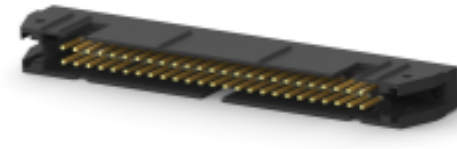
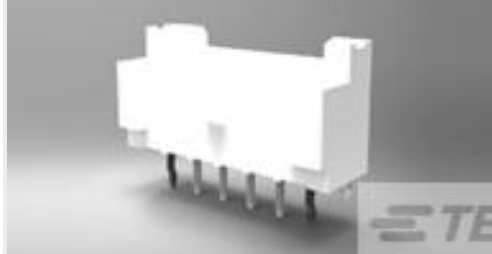
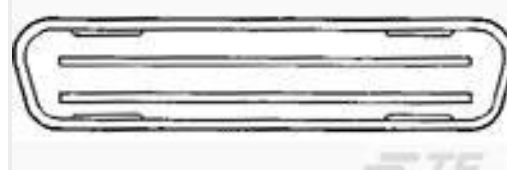




This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 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>

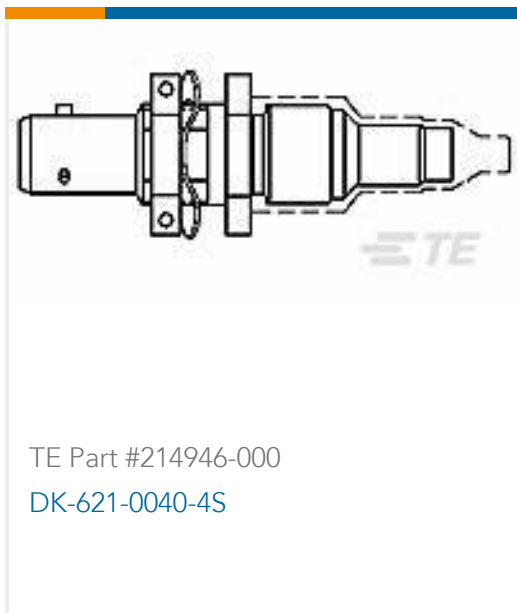
Compatible Parts

 <p>TE Part # CAT-076-BNCJKRA75C BNC RF Connector: Male (Jack), Right-angle, 75 Ohm</p>	 <p>TE Part # CAT-076-BNCJKRA752 BNC RF Connector: Male (Jack), Right-angle, 75 Ohm, 2 Ghz</p>	 <p>TE Part # CAT-076-BNCPK4GMG BNC RF Connector: Plug Kit, Straight, 4 GHz, Military Grade</p>	 <p>TE Part # 2-5221128-1 PLUG,COMMERCIAL BNC</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 # 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</p>

 <p>TE Part # 5413959-3 BNC HEX RT ANG PLUG 50 OHM</p>	 <p>TE Part # 5-1634503-3 BNC Str PCB Skt 75Ohm Nickel Pltd</p>	 <p>TE Part # 5227079-5 COMM BNC PLUG</p>	 <p>TE Part # 6274291-2 JACK,VERT,PCB,75OHM,BNC</p>
 <p>TE Part # 5222132-1 JACK,VERTICAL,PCB,75 OHM,BNC</p>	 <p>TE Part # 5221199-5 JACK,75 OHM COML BNC</p>	 <p>TE Part # 5414094-2 JACK,DECOUPLER,R/A,75 OHM, BNC</p>	 <p>TE Part # 6274291-1 JACK,PCB,COML BNC, 75OHM</p>
 <p>TE Part # 5221185-8 PLUG,75 OHM,COMMERCIAL BNC</p>	 <p>TE Part # 2-5221128-7 PLUG,COMMERCIAL BNC</p>	 <p>TE Part # 225974-1 PLUG, RT ANGLE, DUAL CRIMP BNC</p>	 <p>TE Part # 5-1634500-1 BNC Str Plg Hex 50Ohm Nickel Plated RG17</p>

Customers Also Bought

 <p>TE Part #1658537-1 D-Sub Conn Contacts: Socket, Phosphor Bronze, Signal, Size 20</p>	 <p>TE Part #1-5499923-1 AMP-LATCH UNIVERSAL HEADERS</p>	 <p>TE Part #2132415-9 EP2.5 Shrouded HDR ASSY 9P VERT w /o boss</p>	 <p>TE Part #229968-1 COVER,DUST,PLUG,BLUE,CHAMP</p>
 <p>TE Part #273122-000 Bulbous Heat Shrink Boots: Lipped, Right Angle</p>	 <p>TE Part #1932870-1 FBIS II Plug and Receptacle Assemblies</p>	 <p>TE Part #YDTS24W17-35PNC001 Jam Nut: D38999, 17-35 Insert</p>	 <p>TE Part #1-770859-1 15P MINI UMNL HDR ASSY AU LF</p>



Documents

Product Drawings

PLUG 75 OHM COML BNC

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5221185-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5221185-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5221185-1_A.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

[Connector, Coaxial, 75 Ohm BNC Series, Commercial & Dual Crimp Types](#)

English

Product Specification

Japanese

Product Environmental Compliance

TE Material Declaration

English

Instruction Sheets

Instruction Sheet (U.S.)

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English