



Connectors > RF Connectors > Coax 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 141, RG 58, RG 58A, RG 58B, RG 58C**

Features

Product Type Features

Connector Seal & Plug Type	Gasket
RF Interface	BNC
RF Connector Style	Plug
Compatible With RF Cable Type	RG 141, RG 58, RG 58A, RG 58B, RG 58C
Connector System	Cable-to-Cable
Sealable	Yes
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

Cable Connector Orientation	Straight
Body Material	Brass



Body Plating Material	Nickel
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Contact Features

Crimp Type	Dual Crimp
RF Connector Center Contact Underplating Material	Nickel
	1080 µin
RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Brass

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

Dimensions

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

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

Operation/Application

Operating Frequency	4 GHz
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Packaging Features

Packaging Quantity	100
Packaging Method	Box & Carton

Other

Grade	Commercial
Dielectric Material	Polyethylene

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (3.7% in 74019790) 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	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

 TE Part # 4-5225395-2 PLUG,DUAL CRIMP, BNC	 TE Part # 1-1337441-0 BNC Str Jk Hex 50Ohm Nickel Pltd RG58C/U	 TE Part # 1-5221128-0 PLUG,COMMERCIAL BNC	 TE Part # 5225398-7 BNC DUAL CRIMP JACJ
 TE Part # 5413779-3 COML BNC,50 OHM, HEX CRIMP	 TE Part # CAT-076-BNCVTBAY BNC Vertical Jack RF Connector, 50 Ohm, Bayonet Coupling Mechanism	 TE Part # 5225395-5 BNC PLUG DUAL CP RG141	 TE Part # 220189-1 PREM SDE DIE,COMM BNC RG 58



TE Part # 1-1337434-0
BNC RM BHJ Hex 50Ohm Silver Pltd
RG58C/U



TE Part # 1-1478409-0
BNC Str Jk PS 50Ohm Silver Pltd
RG58C/U,



TE Part # 1-1337417-0
N BHSkt 50Ohm Silver Pltd



TE Part # 1-221128-0
PLUG,COMMERCIAL BNC



TE Part # 1-5227079-6
COMM BNC PLUG



TE Part # 228226-1
BNC BLKHD JACK ADAPTER GOLD



TE Part # 5227169-4
BNC - SOLDER RECEPT



TE Part # 5222132-1
JACK,VERTICAL,PCB,75 OHM,BNC



TE Part # 5225395-1
BNC PLUG DUAL CRIMP RG58,A,B,C



TE Part # 58433-1
PRO CR ASSY W/RG58/59 O IS9140



TE Part # 5221185-1
PLUG 75 OHM COML BNC



TE Part # 5221221-5
JACK BLKHD 75OHM BNC

Customers Also Bought



TE Part #11027286-00
44008RC,THERM,ROHS



TE Part #2-111196-9
026 RCPT SYSTEM 50 30 DPLX



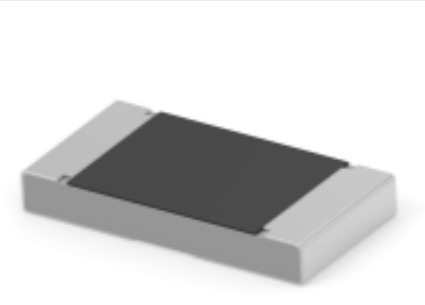
TE Part #2176087-8
RP 1J 0.166W 80R6 0.1% 25PPM 1K RL



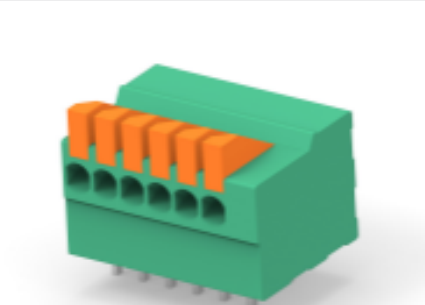
TE Part #32995
TERMINAL,SOLIS SPD 12-10 8



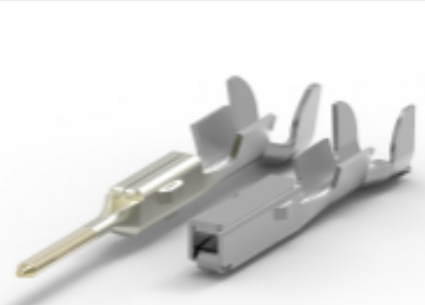
TE Part #320762
BUDGET RING 12-10 3/4



TE Part #2176526-2
3503G 2B 52R3 1% 5K RL



TE Part #1-2834016-6
6POS 2.54MM SES CONN.



TE Part #CAT-M9194-T273
MULTILOCK, RECEPTACLE AND TAB



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5227079-5_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5227079-5_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5227079-5_D.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

Plug, Coaxial, Commercial BNC

English