

TE Internal #: 227754-3
RF Connectors, BNC RF Interface, Jack, RF Connector Mated Outer
Diameter (Approximate) .572 in [14.53 mm], 50 Ω, Bayonet, 4GHz
Operating Frequency
[View on TE.com >](#)



Connectors > RF Coax Connectors > RF Connectors > BNC RF Connector: Male (Jack) Solder Receptacle w/ Hardware, 50 Ohm



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**

[All BNC RF Connector: Male \(Jack\) Solder Receptacle w/ Hardware, 50 Ohm \(4\)](#)

Features

Product Type Features

RF Interface	BNC
RF Connector Style	Jack
Connector System	Cable-to-Panel
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
Body Material Finish	Plated
Body Plating Material	Nickel



Contact Features

RF Connector Center Contact Underplating Material	Copper
	7620 μin
RF Connector Center Contact Plating Material	Silver
RF Connector Center Contact Material	Phosphor Bronze

Termination Features

Termination Method to Wire & Cable	Solder
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Mechanical Attachment

Panel Attachment Style	Front Mount
PCB Mount Retention	Without
RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Solder
Detent	With

Dimensions

Panel Thickness (Recommended)	1.17 – 3.18 mm [.046 – .125 in]
RF Connector Mated Outer Diameter (Approximate)	14.53 mm [.572 in]

Usage Conditions

Operating Temperature Range	-65 – 165 °C [-85 – 329 °F]
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Operation/Application

Operating Frequency	4 GHz
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Packaging Features

Packaging Method	Carton
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Other

Grade	Commercial
Comment	Includes lockwasher and jam nut
Additional Features	Hardware Included
Dielectric Material	VALOX

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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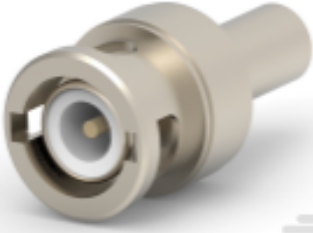
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (3.7% in Component Part) 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	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 2-5221128-1 PLUG,COMMERCIAL BNC	 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 # 1-221128-0 PLUG,COMMERCIAL BNC	 TE Part # 2-5221128-3 PLUG,COMMERCIAL BNC	 TE Part # 2-5221128-7 PLUG,COMMERCIAL BNC	 TE Part # 2-5227079-2 COMM BNC PLUG



TE Part # 5-1634500-1
BNC Str Plg Hex 50Ohm Nickel Plated RG17



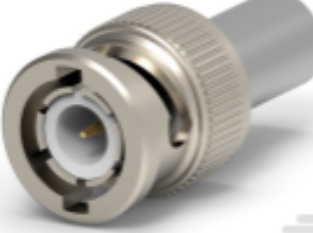
TE Part # 5-1634500-3
BNC Str Plg Hex 50Ohm Nickel Pltd RG58C/



TE Part # 5221128-1
PLUG,COMMERCIAL BNC



TE Part # 5413959-4
BNC HEX RT ANG PLUG 50 OHM



TE Part # 221128-1
PLUG,COMMERCIAL BNC



TE Part # 5-1634500-0
BNC Str Plg Hex 50Ohm Nickel Plated RG17



TE Part # 2-221128-7
PLUG,COMMERCIAL BNC



TE Part # 5413959-6
BNC HEX RT ANG PLUG 50 OHM



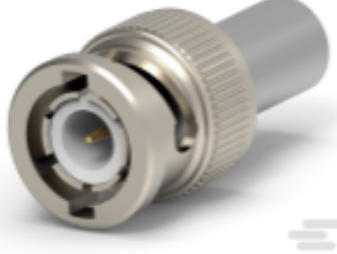
TE Part # 1-1274574-0
COMM BNC PLUG, LEAD FREE



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

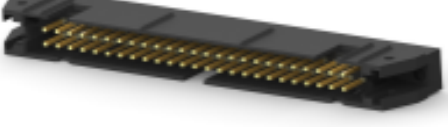


TE Part # 1-221128-7
PLUG,COMMERCIAL BNC



TE Part # 1-221128-8
PLUG,DUAL CRIMP,COMMERCIAL, BNC

Customers Also Bought



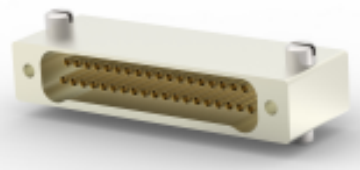
TE Part #102156-6
AMP-LATCH UNIVERSAL HEADERS



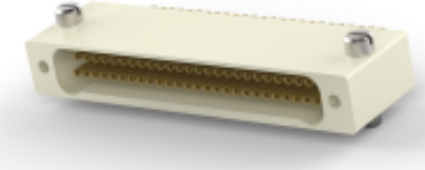
TE Part #3-1623743-2
Wirewound Resistor: Axial Mount, 17 Watt



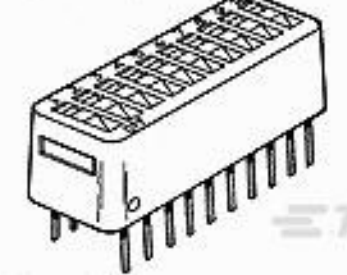
TE Part #2-1123723-8
3.96 EP HDR ASSY 8P(YELLOW)



TE Part #1589815-6
STM037T2HN = SMT CONN



TE Part #1589815-7
STM051T2HN = SMT CONN



TE Part #2-5435668-6
DIP SW 2 POSN W/TAPE AU



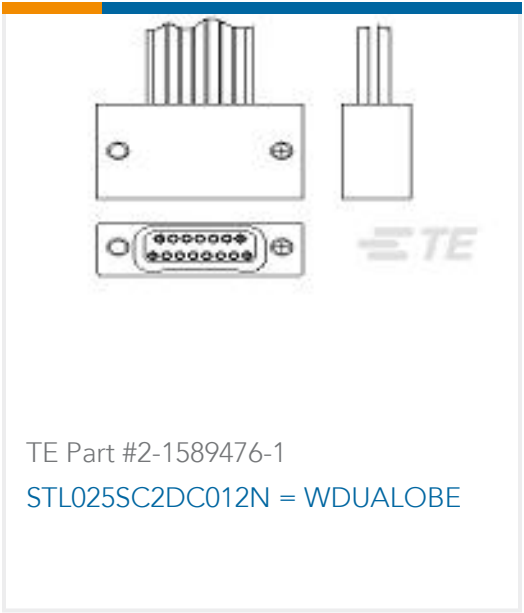
TE Part #2-87215-6
52 MODII HDR DRST UNSHRD .100



TE Part #2-87227-2
44 MODII HDR DRST UNSHRD .100



TE Part #ZPF000000000018779
FDBA 50H 24-61 PW-K-C276



TE Part #2-1589476-1
STL025SC2DC012N = WDUALOB

Documents

Product Drawings

BNC SOLDER RECEPT JACK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_227754-3_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_227754-3_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_227754-3_C.3d_stp.zip

English

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

Product Specifications

Product Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English