2484792-1 ✔ ACTIVE

TE Internal #: 2484792-1

BNC RF Interface, Plug, 50 ohm, RD 316/U / RG 174/U / RG 188 A /U, Bayonet, 0 – 4 GHz Operating Frequency, Cable-to-Cable, 1 Position, Wire & Cable

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Connectors > RF Connectors > Coax Connectors



RF Interface: **BNC**

RF Connector Style: **Plug**

Impedance: **50 Ω**

Compatible With RF Cable Type: **RD 316/U, RG 174/U, RG 188 A/U**

RF Connector Coupling Mechanism: **Bayonet**

Features

Product Type Features

RF Interface	BNC
RF Connector Style	Plug
Compatible With RF Cable Type	RD 316/U, RG 174/U, RG 188 A/U
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

Body Features

Body Underplating Material	Copper
Cable Connector Orientation	Straight

Body Material	Zinc Alloy
Body Material Finish	Plated
Body Plating Material	Nickel

Contact Features

RF Connector Center Contact Underplating Material	Copper
RF Connector Contact Configuration	Captivated Contacts
Ferrule Plating Material	Nickel
Crimp Type	Hexagonal Crimping
Ferrule Material	Brass
RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Brass

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

RF Connector Coupling Mechanism	Bayonet
RF Contact Captivation Method	Mechanical

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Circuit Application	Signal
Operating Frequency	0 – 4 GHz

Packaging Features

Packaging Quantity	1
Packaging Method	Bag

Other

Outer Contact Plating Material	Gold (Au)
Dielectric Material	POM

Product Compliance

For compliance documentation, visit the product page on TE.com>

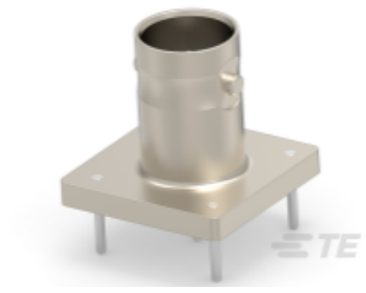
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed

China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (3.34% 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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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



TE Part # 2476057-1
BNC Jack Str PCB Mnt Thru Hole 75 Ohm



TE Part # CONBNC001
BNC Jack 50 Ohm PCB Through Hole



TE Part # CONBNC004
BNC Jack 50 Ohm Panel Mount



TE Part # CONBNC002
BNC Jack 50 Ohm PCB Through Hole

Documents

Product Drawings

BNC Plug Str RG174 188A 316 4 GHz 50 Ohm

English

CAD Files

Customer View Model

ENG_CVM_CVM_2484792-1_1.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2484792-1_1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2484792-1_1.3d_igs.zip

English

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

Datasheets & Catalog Pages

rf-connectors-product-extension-flyer-en

English

test-probe-connector-en-flyer

English

Product Specifications

Product Specification

English