

227754-3 ✓ ACTIVE

TE Internal #: 227754-3

RF Connectors, BNC RF Interface, Jack, 50 Ω , Bayonet, 4 GHz
Operating Frequency, Cable-to-Panel, 1 Position, Wire & Cable,
Panel Mount

[View on TE.com >](#)



Connectors > RF Coax Connectors > RF Connectors > BNC RF Connector: 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: Jack Solder Receptacle w/ Hardware, 50 Ohm \(3\)](#)

Features

Product Type Features

Connector Shape	Circular
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

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

Insulation Option	Uninsulated
Operating Temperature Range	-65 – 165 °C [-85 – 329 °F]

Operation/Application

Operating Frequency	4 GHz
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Packaging Features

Packaging Method	Carton
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Other

RF Connector Comment	Includes lockwasher and jam nut
Additional Features	Hardware Included
Grade	Commercial
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: JUNE 2022 (224)

Candidate List Declared Against: JUNE 2022 (224)

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 # 5414265-3
PLUG, TWIST ON, COML BNC



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 # 5221128-1
PLUG,COMMERCIAL BNC



TE Part # 2-221128-3
PLUG,COMMERCIAL BNC

Documents



Product Drawings

BNC SOLDER RECEIPT 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