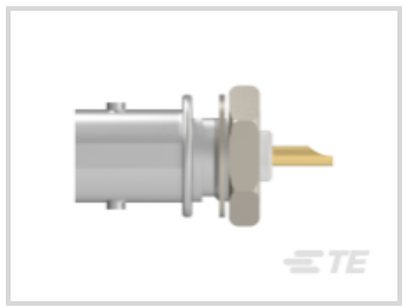
227754-2 ✔ ACTIVE

TE Internal #: 227754-2

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: 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: 50 Ohm (3)

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

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
	762 µin
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Phosphor Bronze

Termination Features

Termination Method to Wire & Cable	Solder

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]

Operation/Application

Operating Frequency	4 GHz

Packaging Features

Packaging Method	Carton

Other

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	Not Yet Reviewed
EU ELV Directive 2000/53/EC	Not Compliant
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: JUN 2016 (169) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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 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 # 5414265-3
PLUG, TWIST ON, COML BNC

TE Part # 2-5221128-1
PLUG,COMMERCIAL BNC

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

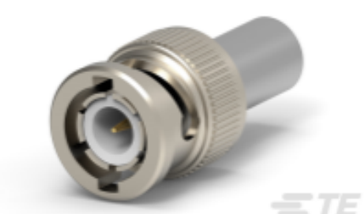
TE Part # 2-5221128-7
PLUG,COMMERCIAL BNC

TE Part # 2-5227079-2
COMM BNC PLUG

TE Part # 5221128-1
PLUG,COMMERCIAL BNC

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

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



TE Part # 221128-1
PLUG,COMMERCIAL BNC

TE Part # 5221128-2
PLUG,COMMERCIAL BNC

Documents

Product Drawings

BNC SOLDER RECEPT JACK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_227754-2_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_227754-2_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_227754-2_C.3d_stp.zip

English

Product Specifications

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English