JACK, R/A PCB, 50 OHM, BNC ✔ ACTIVE

TE Part # 5413631-2

TE Internal #: 5413631-2

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Connectors > RF & Coax Connectors > RF Connectors







RF Interface: **BNC**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **14.529 mm [.572 in]**

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Bayonet**

Features

Product Type Features

RF Interface	BNC
RF Connector Style	Jack
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Port Configuration	Single Port
Number of Positions	1
PCB Mount Orientation	Right Angle
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω

Body Features

Body Insulation	Without
Body Material	Zinc
Body Plating Material	Tin

Contact Features

	1270 µin
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Printed Circuit Board	Through Hole

Mechanical Attachment

PCB Mount Retention	Without
RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Panel
RF Contact Captivation Method	Mechanical
Detent	With

Dimensions

RF Connector Mated Outer Diameter (Approximate)	14.529 mm[.572 in]
Height Above PC Board	10.97 mm[.432 in]
PCB Tail Length	4.34 mm[.17 in]

Usage Conditions

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

Operation/Application

Operating Frequency	4 GHz

Packaging Features

Packaging Method	Carton

Other

Grade	Commercial
Dielectric Material	PTFE

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 2019 (197) Candidate List Declared Against: JAN 2019 (197)
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

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



RF Connectors(96)

Customers Also Bought



TE Part #5747497-4
50 PLUG RA/MS STD (SL)



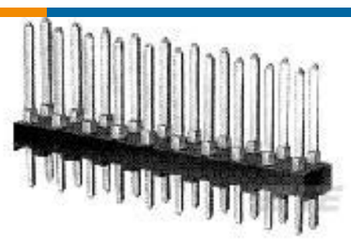
TE Part #5227699-1
BNC PCB VERTICAL



TE Part #5745782-4
15 MSFL RCPT RA 318 (IN, FM)



TE Part #5413631-1
JACK,RTANG, PCB,50 OHM, BNC



TE Part #1-87215-0
02 MODII HDR DRST UNSHRD .100



TE Part #87224-2
02 MODII HDR SRST UNSHRD .100



TE Part #50935
SOCKET,MIN-SPR AU-AU SER-1



TE Part #5-1634513-1
BNC LOW PROFILE ELBOW SOCKET 50 OHMS



TE Part #5747842-3
25 MSFL PLUG RA 318 (IN, FM,BL)



TE Part #87224-1
01 MODII HDR SRST UNSHRD .100

Documents

Product Drawings

JACK, R/A PCB, 50 OHM, BNC

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5413631-2_C_c-5413631-2-c.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5413631-2_C_c-5413631-2-c.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5413631-2_C_c-5413631-2-c.3d_stp.zip

English

Datasheets & Catalog Pages

BNC Connectors

English

Product Specifications

Product Specification

English

Product Environmental Compliance

MD_5413631-2_111420172210_dmtec

English

MD_5413631-2_111420172210_dmtec

English