414094-2 × OBSOLETE

TE Internal #: 414094-2

TE Internal Description: JACK,DECOUPLER,R/A,75 OHM, BNC

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Connectors > RF Connectors > Coax Connectors



RF Interface: **BNC**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **14.53 mm [.572 in]**

Impedance: **75 Ω**

RF Connector Coupling Mechanism: **Bayonet**

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Right Angle
Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	75 Ω

Body Features

Body Material	Polyester PBT

Contact Features

	889 µin
RF Connector Center Contact Underplating Material	Nickel
RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Phosphor Bronze

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.43 mm[.135 in]

Mechanical Attachment

Panel Mount Feature Type	Lockwasher and Nut
PCB Mount Retention	With
RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	With

Dimensions

Mounting Post Length	4.01 mm[.158 in]
Profile Height from PCB	13.18 mm[.519 in]
RF Connector Mated Outer Diameter (Approximate)	14.53 mm[.572 in]

Usage Conditions

Insulation Option	Uninsulated

Operation/Application

Operating Frequency Range	1 GHz

Packaging Features

Packaging Method	Tube

Other

Additional Features	Hardware Included
Grade	Commercial
Dielectric Material	Polymethylpentene

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2024 (241)

	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	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 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

Customers Also Bought



TE Part #1462042-9
IMC06CGR=IM Relay 140mW 12V 1CO



TE Part #4-1614350-8
RN 0603 15K 0.1% 10PPM CUT LENGTH



TE Part #1676199-2
RN 0805 15K 0.1% 10PPM 1KRL



TE Part #1676371-2
RN 0805 53K6 0.1% 10PPM 1KRL



TE Part #1-1676966-3
SMW2 R33 5%



TE Part #1734366-1
Std USB Type A, VT, T/H



TE Part #1734753-1
MINI USB, TYPE B, VERTICAL, T/H



TE Part #6-1879215-1
CPF 0402 19K1 0.1% 25PPM 1K RL



TE Part #1879216-9
CPF 0402 60K4 0.1% 25PPM 1K RL



TE Part #5-1879338-6
CPF 0603 100K 1% 50PPM 1K RL

Documents

Product Drawings

JACK,DECOUPLER,R/A,75 OHM, BNC

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_414094-2_K.3d_igs.zip

English

Customer View Model

ENG_CVM_414094-2_K.3d_stp.zip

English

Customer View Model

ENG_CVM_414094-2_K.2d_dxf.zip

English

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Product Specifications

Product Specification

English

Product Specification

English