

414094-2 ✓ ACTIVE

TE Internal #: 414094-2

BNC RF Interface, Jack, 75 Ω , Bayonet, 1 GHz Operating Frequency, Cable-to-Cable, 1 Position, Printed Circuit Board, Panel Mount

[View on TE.com >](#)



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
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Body Features

Body Material	Polyester, PBT
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Contact Features

RF Connector Center Contact Underplating Material	Nickel
	889 μ in
RF Connector Center Contact Plating Material	Gold



RF Connector Center Contact Material	Phosphor Bronze
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Termination Features

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

Mechanical Attachment

PCB Mount Retention	With
Panel Mount Feature Type	Lockwasher and Nut
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
Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]

Operation/Application

Operating Frequency	1 GHz
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Packaging Features

Packaging Method	Tube
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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: JAN 2024 (240)

Candidate List Declared Against: JAN 2024 (240)

Does not contain REACH SVHC

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>

Compatible Parts



Customers Also Bought





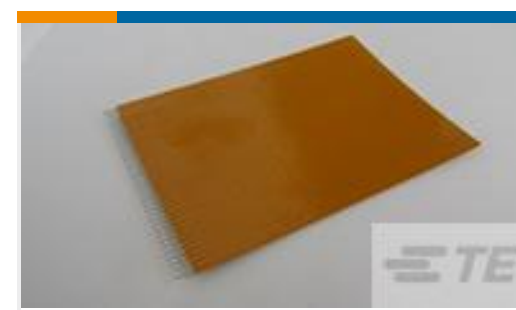
TE Part #1-2132781-0
10P EP-II HOUSING, NATURAL



TE Part #2-2176345-3
CRGCQ 1210 680R 1%



TE Part #6-2176381-7
RQ 0805 60K4 0.1% 10PPM 5K RL



TE Part #2-1474654-9
FSN-21A-15



TE Part #1-1649329-3
RT424012

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