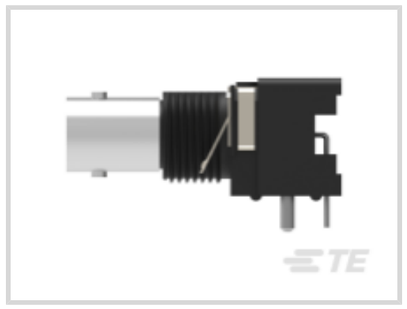
413524-5 ✔ ACTIVE

TE Internal #: 413524-5

BNC RF Interface, Jack, 50 Ω, Bayonet, 1 GHz Operating Frequency, Cable-to-Board, 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: **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

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

Electrical Characteristics

Impedance	50 Ω

Body Features

Body Material	Zinc
Body Plating Material	Nickel

Contact Features

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

Termination Features

Termination Post & Tail Length	4 mm[.157 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	2.79 mm[.11 in]
Profile Height from PCB	15.88 mm[.625 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

Packaging Features

Packaging Method	Tube

Other

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
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



TE Part # 5227426-1
BNC BLKHD RECPT SEALED



TE Part # 5330876
BNC PLUG



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

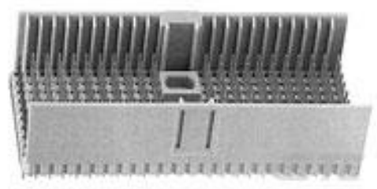
Customers Also Bought



TE Part # 5748873-1
AMP III PLUG 25P RA 590 THD IN



TE Part # 5039304024
DR-25-1/2-0-SP



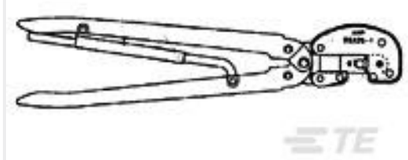
TE Part # 5646346-1
2MM HM,ASY,T-D,HDR,8R,176P,AP



TE Part # 2-320574-2
TERMINAL,PIDG R 16-14 10



TE Part # 208223-9
CPC RECPT ASSEMBLY SIZE 13-9



TE Part # 234171-1
HHHT DYNAMIC D-5 M 12-10 ASSY



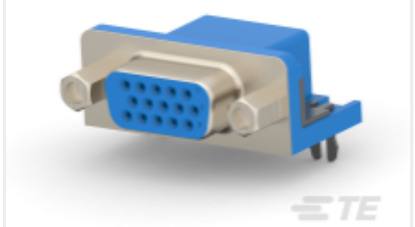
TE Part # 102387-4
20 MODIV HSG COMP DR .100 POL



TE Part # 1-640720-0
03P UMNL STR/REL & INSRT NATL



TE Part # 7-1437621-2
KD500B1/4=KNOB BLK DIAMOND KNU



TE Part # 2311586-4
AMPL REC, HD22, R/A, 15P, THREADED, BLUE

Documents

Product Drawings

JACK DECOUPLER PCB RTANG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_413524-5_AC.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_413524-5_AC.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_413524-5_AC.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Product Specifications

PCB Decoupled BNC Straight & Right Angle Jacks

English

Product Specification

English