5222420-1 ✔ ACTIVE

TE Internal #: 5222420-1

BNC RF Interface, Jack, 50 ohm, Bayonet, 4 GHz Operating Frequency, Cable-to-Board, 1 Position, Printed Circuit Board, Panel Mount

View on TE.com >

Connectors > RF Connectors > Coax Connectors > BNC Vertical Jack RF Connector, 50 Ohm, Bayonet Coupling Mechanism







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 Vertical Jack RF Connector, 50 Ohm, Bayonet Coupling Mechanism (28)

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	Vertical
Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω

Body Features

Body Material	Brass

Body Plating Material	Nickel

Contact Features

RF Connector Center Contact Underplating Material	Copper, Nickel
	5080 µin
RF Connector Center Contact Plating Material	Silver
RF Connector Center Contact Material	Phosphor Bronze

Termination Features

Termination Post & Tail Length	4.45 mm[.175 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Dimensions

Profile Height from PCB	16.64 mm[.655 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	4 GHz

Packaging Features

Packaging Method	Tray

Other

Grade	Commercial
Dielectric Material	VALOX

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (4% 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

Compatible Parts



TE Part # 1-5227079-6
COMM BNC PLUG



TE Part # 1-5221128-7
PLUG,COMMERCIAL BNC



TE Part # CAT-076-BNCPK4GMG
BNC RF Connector: Plug Kit, Straight, 4 GHz, Military Grade



TE Part # CAT-076-BNCJK4GMG
BNC RF Connector Jack Kit, 50 Ohm, 4 Ghz, Military Grade



TE Part # 5225395-1
BNC PLUG DUAL CRIMP RG58,A,B,C



TE Part # 5227079-5
COMM BNC PLUG



TE Part # 5225398-7
BNC DUAL CRIMP JACJ



TE Part # 1-5225398-5
DUAL CRIMP BNC BLKHD JACK



TE Part # 5225395-6
BNC PLUG DUAL CP RG142



TE Part # 5227079-6
COMM. BNC-PLUG



TE Part # 8-5227079-2
COMM BNC PLUG



TE Part # 1-5227079-1
COMM BNC PLUG



TE Part # 2-5330061-1
BNC PLUG



TE Part # 413779-3
COML BNC,50 OHM, HEX CRIMP



TE Part # 5225395-8
BNC PLUG DUAL CRIMP RG179, 187



TE Part # 5225396-7
BNC JACK DUAL CP RG174,188



TE Part # 5225398-1
BNC DUAL CRIMP RG58, A,B,C



TE Part # 5330876
BNC PLUG



TE Part # 5413959-3
BNC HEX RT ANG PLUG 50 OHM



TE Part # 1-5221128-0
PLUG,COMMERCIAL BNC

Customers Also Bought



TE Part #50865
SOCKET,MIN-SPR AU SER-4



TE Part #2176053-1
RLP73M 2A R051 1% 1K RL



TE Part #1879071-3
THS50 R05 5%



TE Part #1473149-1
SEMI-HARD TRAY ASSY DDR 200P 5



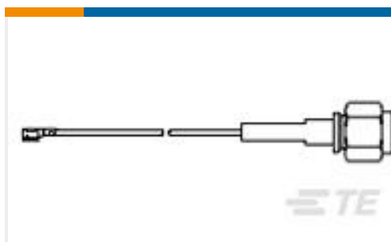
TE Part # 5749231-1
Mini DIN, 6 pos, R/A, Shield



TE Part #103638-1
02 MTE HDR SRST LATCH .100CL



TE Part #5569284-1
MJ,TE,8P



TE Part #2032439-1
RF CA,UMCC1 TO SMA PLUG,1.37 MM,L200MM



TE Part #7-2213766-7
AV19 DPL 3A POWER LED BLUE 12V



TE Part #6-1462039-7
IM23KS=IM RELAY 50mW 5V short pins

Documents

Product Drawings

JACK, VERT, PCB, COML BNC

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5222420-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_5222420-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_5222420-1_A.3d_stp.zip

English

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Datasheets & Catalog Pages

BNC Connectors

English

Product Specifications

Product Specification

English

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

SMW73R0JT 2377783-2 3-1393225-0 2834055-1 3631B101LL 650075-000 917696-1 1743455-2 CPF0402B37K4E1 SBCHE64R7K MPT100C18RF U5254-000005-030PA 2-292161-3 2310537-1 2380312-2 1-962915-1 141991-2 1903112-2 3430B2F51RTDF SBCHE154R7K TE50BR39J 1-794222-0 1393431-1 175977-2 1969656-1 936348-1 CRGCQ2010J3K3 RH73H2A40MKTN ROX05SJ18R 2005330-1