5222092-3 ✔ ACTIVE

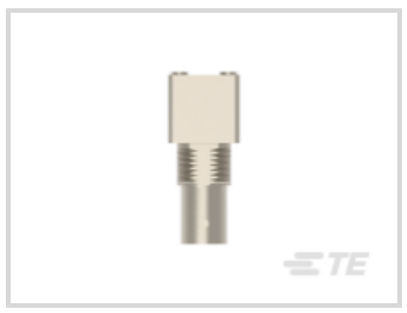
TE Internal #: 5222092-3

BNC RF Interface, Jack, 75 ohm, Bayonet, 2 GHz Operating Frequency, Cable-to-Board, 1 Position, Printed Circuit Board, Panel Mount

View on TE.com >

Connectors > RF Connectors > Coax Connectors > BNC RF Connector: Jack, Right-Angle, 75 Ohm







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**

All BNC RF Connector: Jack, Right-Angle, 75 Ohm (8)

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	75 Ω

Body Features

Body Material	Zinc

Body Plating Material	Nickel

Contact Features

RF Connector Center Contact Underplating Material	Nickel
	30 µin
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Post & Tail Length	10.92 mm[.43 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Dimensions

Mounting Post Length	3.48 mm[.137 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	2 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 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 (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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

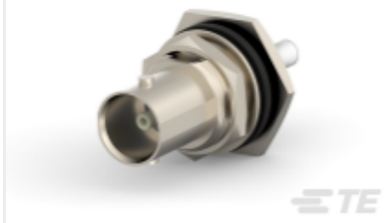
Product Compliance Disclaimer

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 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 # 5221221-5
JACK BLKHD 75OHM BNC



TE Part # 1-5413589-1
KIT PLUG 75 OHM BNC HEX CRIMP



TE Part # 5227079-5
COMM BNC PLUG



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



TE Part # 221221-5
JACK BLKHD 75OHM BNC



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



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



TE Part # 5227079-7
COMM. BNC-PLUG



TE Part # 1-221128-0
PLUG,COMMERCIAL BNC



TE Part # 413589-7
KIT PLUG 75 OHM BNC HEX CRIMP



TE Part # 5221128-1
PLUG,COMMERCIAL BNC

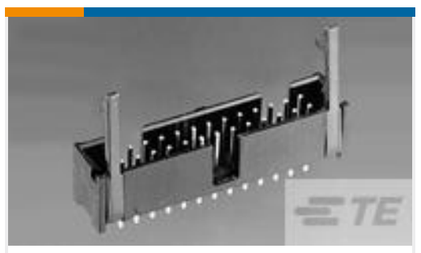


TE Part # 5221185-1
PLUG 75 OHM COML BNC



TE Part # 2-221128-3
PLUG,COMMERCIAL BNC

Customers Also Bought



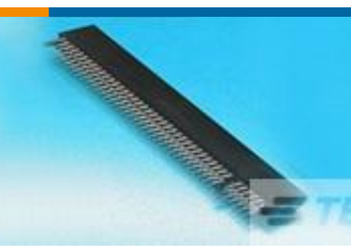
TE Part #1761609-3
IDC LOW PRO HDR 10P RA SHT LAT



TE Part #2-1879216-1
CPF 0402 82K5 0.1% 25PPM 1K RL



TE Part #1-770178-1
06P MINI UMNL ASSY VO SNAU LF



TE Part #5-5530843-0
CONN SEC II 10 POS 100C/L



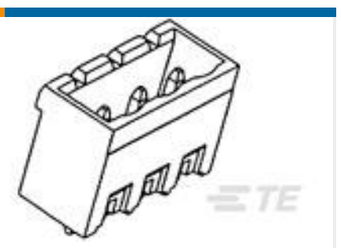
TE Part #5787617-1
RECP ASSY, R/A, STACKED, THRU-HOLE, USB,



TE Part #643749-1
06P UMNL HDR ASSY W/O DRNS



TE Part #1649329-1
RTE24005



TE Part #796643-6
6POS 5.0MM CE VRT HDR,TRM BLK



TE Part #2-1977223-6
FSM8JSMAASTR=6MM TACT SWITCH, SMT 260gf,

Documents

Product Drawings

JACK,RTANG,PCB,75 OHM,BNC

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5222092-3_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5222092-3_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5222092-3_B.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_5222092-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_5222092-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_5222092-3_A.3d_stp.zip

English

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Datasheets & Catalog Pages

BNC Connectors

English

Product Specifications

Product Specification

English

Product Specification

English

Agency Approvals

UL Report

English

Unikeyic Electronics

Global Electronic Components Distributor

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

TE Connectivity:

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