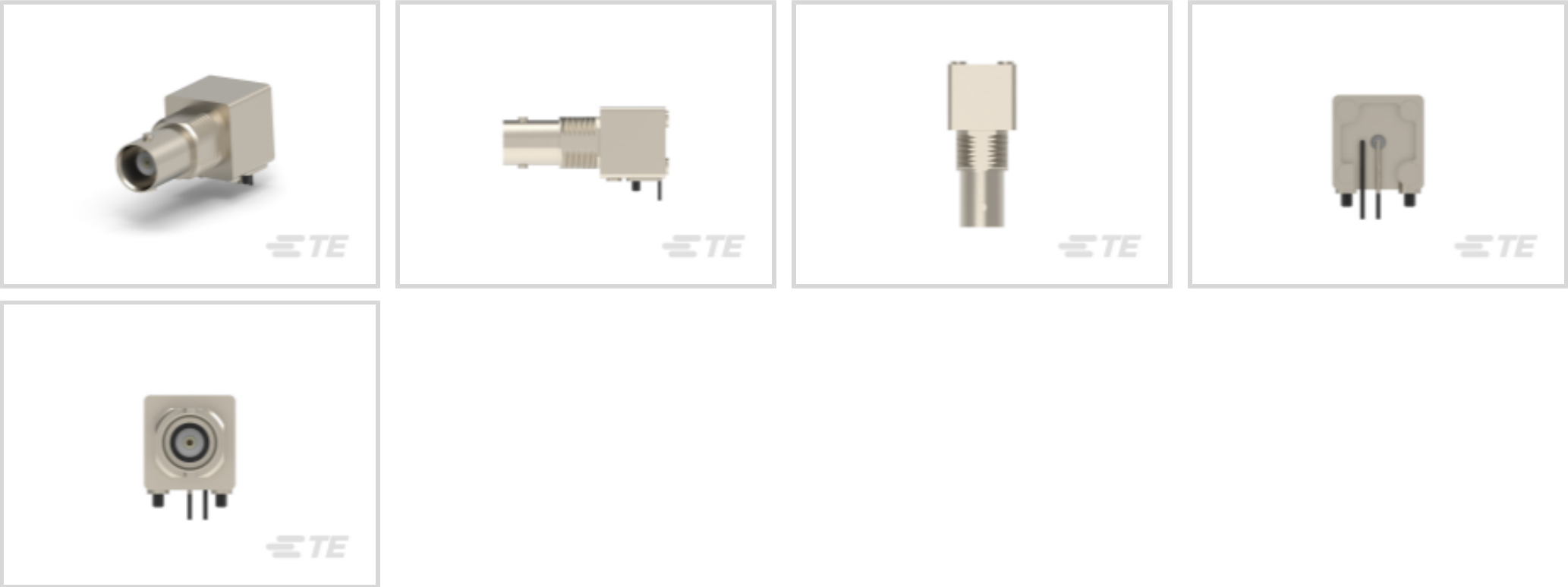




TE Internal #: 5222092-3
BNC Connector, Jack, 75 ohm, Bayonet, 2 GHz, Cable-to-Board, 1
Position, Printed Circuit Board, Panel Mount, -55 – 85 °C [-67 – 185 °
F], Zinc, Nickel
[View on TE.com >](#)

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
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Body Features

Body Material	Zinc
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Body Plating Material	Nickel
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Contact Features

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

Termination Features

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

Mechanical Attachment

Panel Attachment Style	Rear Mount
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	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
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Packaging Features

Packaging Method	Tube
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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: JAN 2025 (247) 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 # 5413959-3
BNC HEX RT ANG PLUG 50 OHM

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

TE Part # 221221-5
JACK BLKHD 75OHM BNC

TE Part # 8-5227079-2
COMM BNC PLUG



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



TE Part # 5221221-5
JACK BLKHD 75OHM BNC



TE Part # 5227079-7
COMM. BNC-PLUG



TE Part # 5221128-1
PLUG,COMMERCIAL BNC



TE Part # 1-5227079-1
COMM BNC PLUG



TE Part # 5227079-6
COMM. BNC-PLUG



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



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



TE Part # 5227079-5
COMM BNC PLUG



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



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



TE Part # 1-5227079-6
COMM BNC PLUG

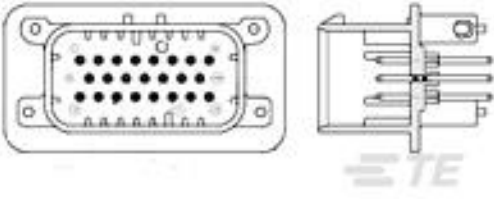


TE Part # 5221185-1
PLUG 75 OHM COML BNC

Customers Also Bought



TE Part #282970-1
PLZN.KEY,TERMI-BLOK HDR A



TE Part #1-776231-5
35POS,PIN DIA 1.3,HDR ASSY,
180DEG,COD 5



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

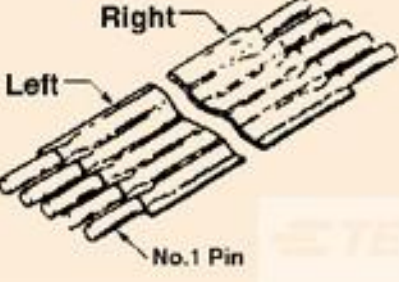


TE Part #2-1879216-1
CPF 0402 82K5 0.1% 25PPM 1K RL

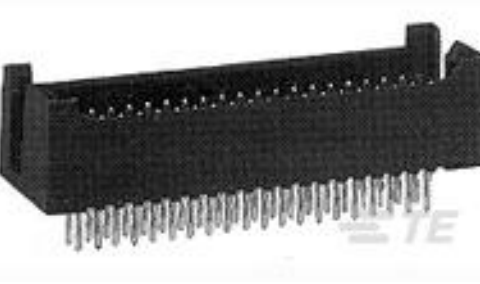




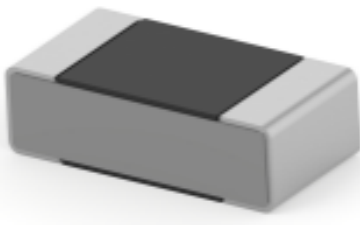
TE Part #2-5747707-0
15 RCPT SP/FMS BRDLK



TE Part #4-1437175-8
FSP-22A



TE Part #102692-2
24 MODII 2PC HDR DR SHRD



TE Part #8-1879211-5
CPF 0402 14K 0.1% 25PPM 5K RL



TE Part #2-1977223-6
FSM8JSMASTR=6MM TACT
SWITCH, SMT 260gf,

TE Part #1619217-1
FFC C/A,15COND,,050CL,5.73"

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



By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

BNC Connectors

English

Product Specifications

Product Specification

English

Product Specification

English