413779-3 ✔ ACTIVE

BNC

TE Internal #: 413779-3

BNC Connector, Jack, 50 ohm, Bayonet, 4 GHz, Cable-to-Cable, 1 Position, Wire & Cable, Cable Mount (Free-Hanging), -55 – 85 °C [-67 – 185 °F], BNC

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

Connector Shape	Circular
RF Interface	BNC
RF Connector Style	Jack
Connector System	Cable-to-Cable
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

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

	1080 µin
Crimp Type	Hexagonal Crimping
RF Connector Center Contact Underplating Material	Nickel

RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Cable Mount (Free-Hanging)
RF Contact Captivation Method	Mechanical
Detent	With

Housing Features

Body Orientation	Straight

Dimensions

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 Range	4 GHz

Packaging Features

Packaging Method	Bag

Other

Coupling Nut Base Material	Brass
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 2025 (250)

	Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (3.7% in 74019106) **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 Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

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 # 5414217-1
BNC SOLDER RCPT



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



TE Part # 5227079-5
COMM BNC PLUG



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



TE Part # CAT-076-BNCVTBAY
BNC Vertical Jack RF Connector, 50 Ohm, Bayonet Coupling Mechanism



TE Part # 5413779-3
COML BNC,50 OHM, HEX CRIMP



TE Part # 5225398-7
BNC DUAL CRIMP JACJ



TE Part # 5227169-4
BNC - SOLDER RECEPT



TE Part # 5222132-1
JACK,VERTICAL,PCB,75 OHM,BNC



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



TE Part # CAT-076-BNCJKISG50
BNC RF Connector: Jack Assembly, Isolated Ground Protection, 50 Ohm



TE Part # 5221128-1
PLUG,COMMERCIAL BNC

TE Part # 5413515-9
JACK,DECOUPLER,RTANG,BNC PCB

TE Part # 5227755-2
BNC SOLDER RECEPT JACK SHORT

TE Part # 2-329082-1
BNC PLUG KIT POLYPROP

TE Part # CAT-076-BNCRABAY
BNC RF Connector: Male (Jack), Right Angle



TE Part # 5414651-3
JACK,DECOUP,LOW PROFILE,ESD, BNC



TE Part # 5227079-1
COMM BNC PLUG



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



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

Also in the Series | BNC

Coax Connectors(163)

RF Cable Assemblies(25)

RF Terminators(1)

Customers Also Bought



TE Part #0561490001
RPS-18-12/2.0-9



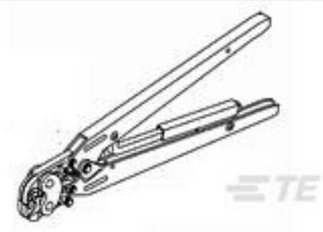
TE Part #1-66099-4
III+ PIN,18-16,30AU/FL,SMPACK



TE Part #66182-1
III+ PIN,SOLDER,30AU,10AU FLASH,LP



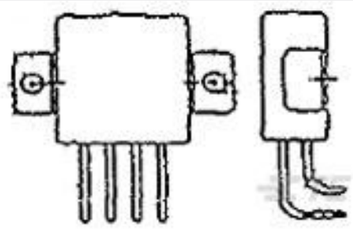
TE Part #208472-1
CMC PLUG ASSEMBLY,SZ 28



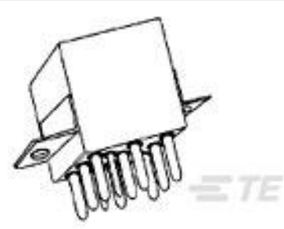
TE Part #220045-2
DAHT COAXICON RG141 C ASSY



TE Part #3-1617033-0
HFW1230K06M = M39016/6-105M



TE Part #2-1617749-5
FCA-210-1027M=M83536/10-027M



TE Part #5-1617753-0
FCA-325-BZ4



TE Part #2302345-1
NanoRF PIN CONTACT, BACKPLANE

TE Part #1845630001
RPS-6-250/2.0-9

Documents

Product Drawings

COML BNC,50 OHM, HEX CRIMP

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_413779-3_G2.2d_dxf.zip

English

Customer View Model

ENG_CVM_413779-3_G2.3d_igs.zip

English

Customer View Model

ENG_CVM_413779-3_G2.3d_stp.zip

English

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

Instruction Sheets

Instruction Sheet (U.S.)

English