5225395-3

BNC

TE Internal #: 5225395-3

TE Internal Description: BNC PLUG DUAL CP RG55,223

View on TE.com >

Connectors > RF Connectors > Coax Connectors







RF Interface: **BNC**

RF Connector Style: **Plug**

RF Connector Mated Outer Diameter (Approximate): **14.53 mm [.572 in]**

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Bayonet**

Features

Product Type Features

Connector Seal & Plug Type	Gasket
RF Interface	BNC
RF Connector Style	Plug
Connector System	Cable-to-Cable
Sealable	Yes
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	Brass
Body Plating Material	Nickel

Contact Features

	889 µin
Crimp Type	Dual Crimp
RF Connector Center Contact Underplating Material	Nickel
RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Brass

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

Operation/Application

Operating Frequency Range	4 GHz

Packaging Features

Packaging Method	Box

Other

Coupling Nut Base Material	Brass
Grade	Military
Dielectric Material	Fluoropolymer

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions

China RoHS 2 Directive MIIT Order No 32, 2016	No 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) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 1-5225398-5
DUAL CRIMP BNC BLKHD JACK



TE Part # 5225395-6
BNC PLUG DUAL CP RG142



TE Part # 5330876
BNC PLUG



TE Part # 5227079-2
COMM BNC PLUG



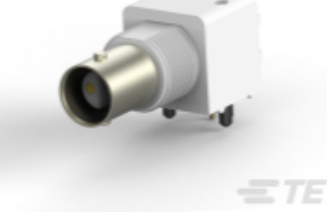
TE Part # 1-5221128-0
PLUG,COMMERCIAL BNC



TE Part # 1-5227079-6
COMM BNC PLUG



TE Part # 2-5330058-1
BNC PLUG POLYPROP



TE Part # 5228686-1
TWIN BNC PCB RCPT



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



TE Part # 5225398-7
BNC DUAL CRIMP JACJ



TE Part # 5222420-1
JACK, VERT, PCB, COML BNC



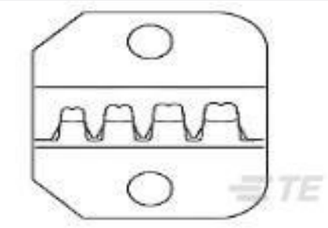
TE Part # 2-5330061-1
BNC PLUG



TE Part # 5332342
TWIN BNC BHD JACK TEF



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



TE Part # 220189-3
BNC CRIMPING DIE FOR COMM TOOL



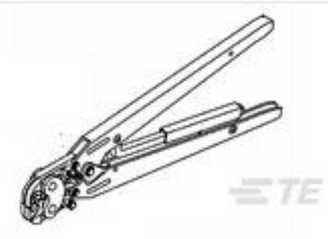
TE Part # 5227079-5
COMM BNC PLUG



TE Part # 5227426-1
BNC BLKHD RECPT SEALED



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



TE Part # 69478-1
DAHT COAXICON RF RG55B ASSY



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

Also in the Series | BNC



Coax Connectors(163)



RF Cable Assemblies(25)



RF Terminators(1)

Customers Also Bought



TE Part #207018-1
METRIMATE RCPT 12 POS



TE Part #225555-6
TNC PLUG DUAL W/P TR



TE Part #1-480273-0
06P CMNL PLUG HSG P/M NATL



TE Part #225973-4
PLUG, RT ANGLE, DUAL CRIMP,BNC



TE Part #225555-2
TNC PLUG DUAL W/P TR



TE Part #225554-6
TNC RT ANG PLUG DUAL W/P

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5225395-3_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5225395-3_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5225395-3_B.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

Instruction Sheets

COAXICON 50-Ohm RF Series BNC Plug Connectors 225395-(), 225886-(), and 331350-()

English

Instruction Sheet (U.S.)

English