1-225398-5 ✔ ACTIVE

TE Internal #: 1-225398-5

RF Connectors, BNC RF Interface, Jack, RF Connector Mated Outer Diameter (Approximate) .572 in [14.53 mm], 50 Ω

View on TE.com >

Connectors > RF Coax Connectors > RF Connectors

RF Interface: **BNC**

RF Connector Style: **Jack**

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

Impedance: **50 Ω**

Compatible With RF Cable Type: **RD 316 Double Braid**

Features

Product Type Features

RF Interface	BNC
RF Connector Style	Jack
Compatible With RF Cable Type	RD 316 Double Braid
Connector System	Cable-to-Panel
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector Seal Type	Gasket

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω

Body Features

Body Insulation	Without
Body Shape	Hexagonal
Cable Connector Orientation	Straight
Body Material	Brass
Body Plating Material	Nickel

Contact Features

RF Connector Center Contact Underplating Material	Nickel
	1080 µin
Crimp Type	Dual
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Panel Attachment Style	Rear Mount
RF Connector Coupling Mechanism	Snap-On
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	With

Dimensions

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

Usage Conditions

Operating Temperature Range	-65 – 165 °C[-85 – 329 °F]

Operation/Application

Operating Frequency	4 GHz

Packaging Features

Packaging Method	Carton

Other

Grade	Military
Coupling Nut Base Material	Brass
Dielectric Material	PTFE

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 2021 (211) Candidate List Declared Against: JUL 2017 (174) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

TE Part # CAT-076-BNCPK2GMG
BNC RF Connector: Plug Kit, Straight, 2 GHz, Military Grade

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

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

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

TE Part # 5227426-1
BNC BLKHD RECPT SEALED

TE Part # 5227079-5
COMM BNC PLUG

TE Part # 5225398-7
BNC DUAL CRIMP JACJ

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

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

TE Part # 5225395-7
BNC PLUG DUAL CRIMP RG174,188

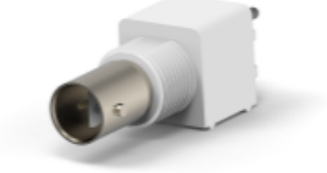
TE Part # 5225395-6
BNC PLUG DUAL CP RG142

TE Part # 8-5227079-2
COMM BNC PLUG

TE Part # 330876
BNC PLUG

TE Part # 2-5330061-1
BNC PLUG

TE Part # 225974-1
PLUG, RT ANGLE, DUAL CRIMP BNC



TE Part # 5221198-1
JACK,VERT,PCB,TWIN BNC

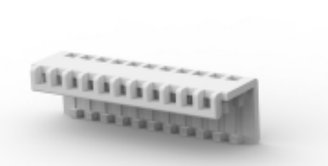
TE Part # 5225395-8
BNC PLUG DUAL CRIMP RG179, 187

TE Part # 5225396-1
BNC JACK DUAL CP RG58,A,B,C

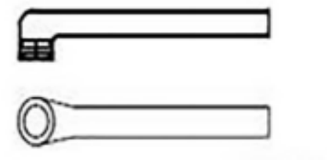
TE Part # 5225396-7
BNC JACK DUAL CP RG174,188

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

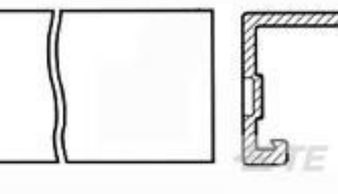
Customers Also Bought



TE Part #1-643077-3
Nylon PCB Connector Covers: 2.54 mm, MTA 100



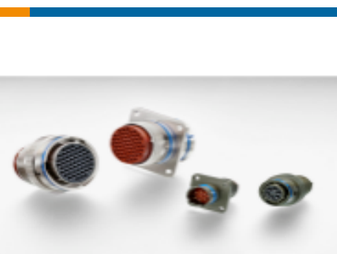
TE Part #317675-000
Low Profile Heat Shrink Boots: Poly Mold, Lipped, Right Angle



TE Part #1-640551-9
19P MTA156 COVER

TE Part #1-480702-5
04P UMNL PLUG HSG GRN

TE Part #3-644463-3
03P MTA156 CONN ASSY 22AWG RED



TE Part #YAFD54-20-39PNC012
RECP ASSY

TE Part #1925249-1
QCM008PC1TT036BC = Circular

TE Part #1925259-1
QCM008SC1TT036PBC = Circular

TE Part #1986784-2
M12 ST, MALE/MALE 8 POS, PVC, 2M, SHLD

TE Part #1986784-3
M12 ST, MALE/MALE 8 POS, PVC, 3M, SHLD

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-225398-5_W.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-225398-5_W.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-225398-5_W.3d_stp.zip

English

Product Specifications

AMP Mass-Termination ''EI'' Series Connector

English

Product Specification

English

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English