5227426-1 ✔ ACTIVE

TE Internal #: 5227426-1

BNC RF Interface, Jack, 50 ohm, Bayonet, 4 GHz Operating Frequency, Cable-to-Board, 1 Position, Sealable, Wire & Cable, Panel Mount

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 Seal & Plug Type	Gasket
RF Interface	BNC
RF Connector Style	Jack
Connector System	Cable-to-Board
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

Cable Connector Orientation	Straight
Body Material	Phosphor Bronze
Body Plating Material	Nickel

Contact Features

RF Connector Center Contact Underplating Material	Nickel
	762 µin

RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Phosphor Bronze

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Panel Attachment Style	Rear Mount
RF Connector Coupling Mechanism	Bayonet
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

Insulation Option	Uninsulated
Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]

Operation/Application

Operating Frequency	4 GHz

Packaging Features

Packaging Method	Package

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: JAN 2023 (233) SVHC > Threshold: Pb (3.7% in Component Part)

	DBMC (1.9% in Component Part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. 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	Hand solderable with lead free solder

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



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



TE Part # 1-329631-2
JAM NUT, PLATED



TE Part # 5227169-7
BNC SOLDER JACK RECEPTACLE



TE Part # 5332225-5
PLUG, TWIN BNC,



TE Part # 413524-5
JACK DECOUPLER PCB RTANG



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



TE Part # CAT-076-BNCJK4GMG
BNC RF Connector Jack Kit, 50 Ohm, 4 Ghz, Military Grade



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



TE Part # 5225395-6
BNC PLUG DUAL CP RG142



TE Part # 413476-2
JACK,DECOUPLER,PCB,VERT,BNC



TE Part # 2-5330061-1
BNC PLUG



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



TE Part # 5330876
BNC PLUG



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



TE Part # 5225395-3
BNC PLUG DUAL CP RG55,223



TE Part # 331182
BNC PLUG RT ANG CRIMPABLE TEF



TE Part # 4-5225395-2
PLUG,DUAL CRIMP, BNC



TE Part # 5225395-5
BNC PLUG DUAL CP RG141



TE Part # 226993-1
VERTICAL JACK, BNC PCB

Customers Also Bought



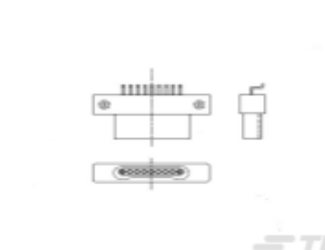
TE Part #413985-4
PLUG ASSY,STR,SMB



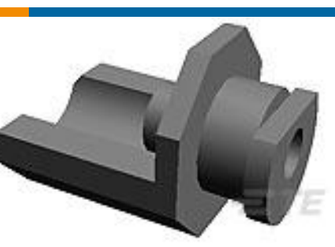
TE Part #5227755-2
BNC SOLDER RECEPT JACK SHORT



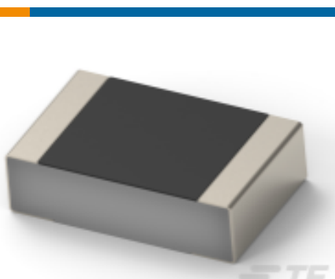
TE Part #102618-5
14 MODII HDR DRST SHRD .100CL



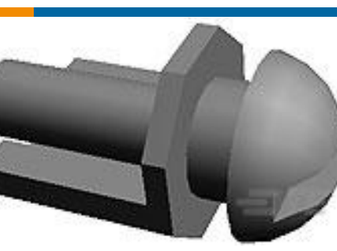
TE Part #1589700-1
SSM051B2H = SMT CONN



TE Part #530721-4
MINI-BOX EXT KEY KIT



TE Part #4-2176451-9
CPF 0201 158R 0.1% 25ppm 1K RL



TE Part #530721-3
MINI-BOX EXT KEY KIT

Documents

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5227426-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_5227426-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_5227426-1_A.3d_stp.zip

English

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Datasheets & Catalog Pages

BNC Connectors

English

Unikeyic Electronics

Global Electronic Components Distributor

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TE Connectivity:

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