



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
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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
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RF Connector Center Contact Material	Phosphor Bronze
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Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Panel Attachment Style	Rear Mount
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RF Connector Coupling Mechanism	Bayonet
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Connector Mounting Type	Panel Mount
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RF Contact Captivation Method	Mechanical
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Detent	With
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Dimensions

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

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

Operating Frequency	4 GHz
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Packaging Features

Packaging Method	Package
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Other

Grade	Commercial
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Dielectric Material	Polymethylpentene
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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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)
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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>

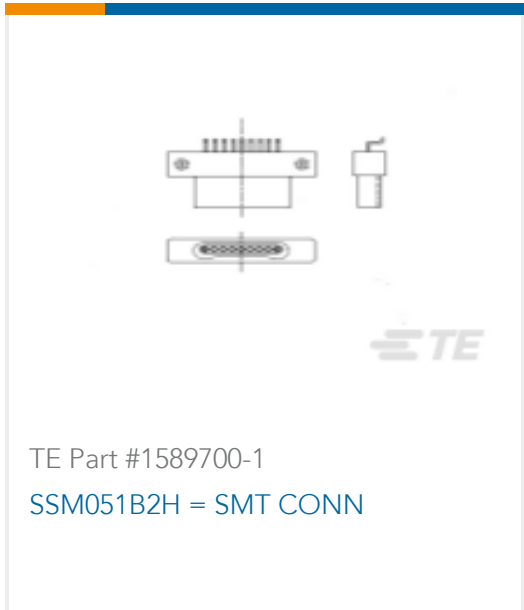
Compatible Parts

 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

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

Datasheets & Catalog Pages

BNC Connectors

English