

5227426-1 ✓ ACTIVE

TE Internal #: 5227426-1

BNC RF Interface, Jack, 50 Ω , 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 μ m



RF Connector Center Contact Plating Material	Gold
--	------

RF Connector Center Contact Material	Phosphor Bronze
--------------------------------------	-----------------

Termination Features

Termination Method to Printed Circuit Board	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 2023 (235) 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-BNCVTBAY
BNC Vertical Jack RF Connector, 50 Ohm, Bayonet Coupling Mechanism



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



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



TE Part # 5227169-7
BNC SOLDER JACK RECEPTACLE



TE Part # 5228980-6
JACK,BHD,COML,SERIES BNC,GOLD



TE Part # 5332225-5
PLUG, TWIN BNC,



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





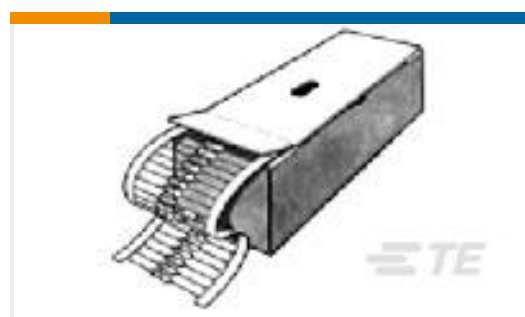
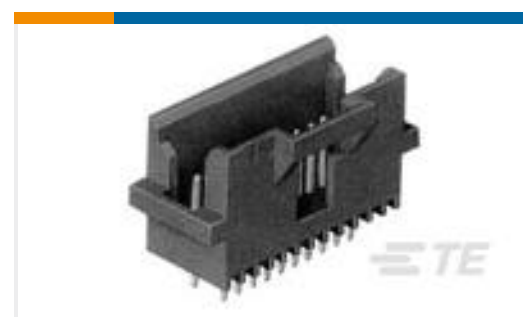




TE Part # 413524-5
JACK DECOUPLER PCB RTANG



 <p>TE Part # CAT-076-BNCJKSH50 BNC RF Connector: jack assembly - short, 50 Ohm, 4Ghz</p>	 <p>TE Part # CAT-076-BNCJK4GMG BNC RF Connector Jack Kit, 50 Ohm, 4 Ghz, Military Grade</p>	 <p>TE Part # CAT-076-BNCPK4GMG BNC RF Connector: Plug Kit, Straight, 4 GHz, Military Grade</p>	 <p>TE Part # 5225395-1 BNC PLUG DUAL CRIMP RG58,A,B,C</p>
 <p>TE Part # 5225395-6 BNC PLUG DUAL CP RG142</p>	 <p>TE Part # 413476-2 JACK,DECOUPLER,PCB,VERT,BNC</p>	 <p>TE Part # 2-5330061-1 BNC PLUG</p>	 <p>TE Part # 5225395-8 BNC PLUG DUAL CRIMP RG179, 187</p>
 <p>TE Part # 5330876 BNC PLUG</p>	 <p>TE Part # 2-329458-1 BNC BHD JACK KIT</p>	 <p>TE Part # 228980-6 JACK,BHD,COML,SERIES BNC,GOLD</p>	 <p>TE Part # 228980-7 JACK,BHD,COML,SERIES BNC,GOLD</p>

Customers Also Bought

 <p>TE Part #413985-4 PLUG ASSY,STR,SMB</p>	 <p>TE Part #5227755-2 BNC SOLDER RECEPT JACK SHORT</p>	 <p>TE Part #1761609-3 IDC LOW PRO HDR 10P RA SHT LAT</p>	 <p>TE Part #1879208-3 CPF 0402 12R 0.1% 25PPM 1K RL</p>
 <p>TE Part #2176078-1 EP 1W 10R 5%</p>	 <p>TE Part #104666-2 30 SYSTEM 50 HDR DRST SHRD</p>	 <p>TE Part #85923-4 04 MODI HDR SRST .156CL</p>	 <p>TE Part #4-1879503-7 CRGH0603 1% 30R1 0.2W</p>



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

Product Environmental Compliance

Product Compliance

English

Product Compliance

English