

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

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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 $\mu$ in

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

#### Termination Features

Termination Method to PCB	Through Hole - Solder
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#### 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]
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#### Usage Conditions

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

#### Operation/Application

Operating Frequency	4 GHz
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#### Packaging Features

Packaging Method	Package
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#### Other

Grade	Commercial
Dielectric Material	Polymethylpentene

#### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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



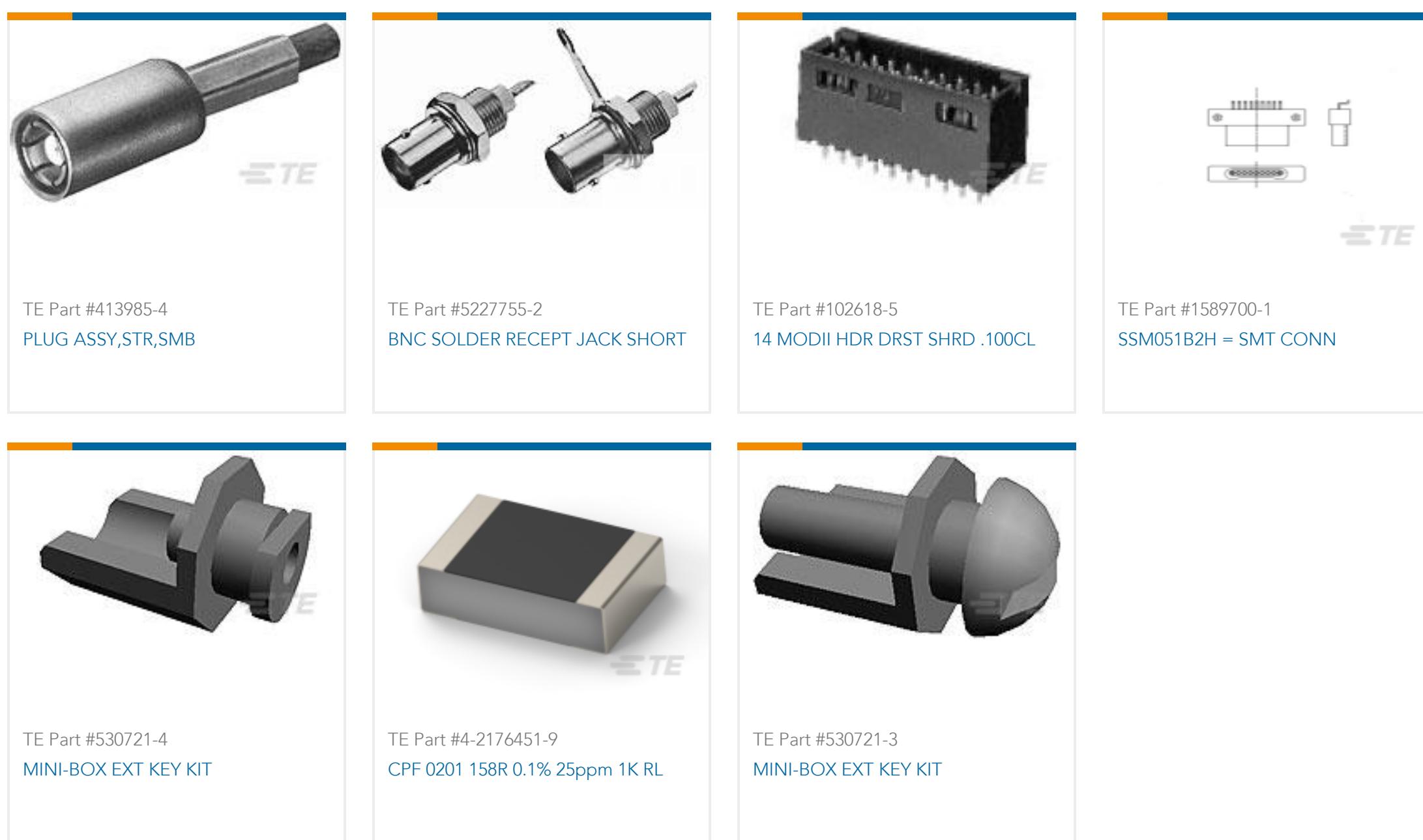
TE Part # CAT-076-BNCPK4GMG  
BNC RF Connector: Plug Kit, Straight, 4 GHz, Military Grade



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



## Customers Also Bought



## 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