

5225395-6 ✓ ACTIVE

TE Internal #: 5225395-6

RF Connectors, BNC RF Interface, Plug, RF Connector Mated Outer

Diameter (Approximate) .572 in [14.53 mm], 50  $\Omega$

[View on TE.com >](#)



Connectors > RF Coax Connectors > RF Connectors



RF Interface: **BNC**

RF Connector Style: **Plug**

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

Impedance: **50  $\Omega$**

Compatible With RF Cable Type: **RG 142, RG 142A, RG 142B**

## Features

### Product Type Features

RF Interface	BNC
RF Connector Style	Plug
Compatible With RF Cable Type	RG 142, RG 142A, RG 142B
Connector System	Cable-to-Cable
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 $\Omega$
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### Body Features

Body Insulation	Without
Cable Connector Orientation	Straight

Body Material	Brass
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Body Plating Material	Nickel
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### Contact Features

RF Connector Center Contact Underplating Material	Copper
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Crimp Type	Dual
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RF Connector Center Contact Plating Material	Gold
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RF Connector Center Contact Material	Brass
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### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

RF Connector Coupling Mechanism	Bayonet
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Connector Mounting Type	Cable Mount (Free-Hanging)
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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

Operating Temperature Range	-55 – 85 $^{\circ}$ C [-67 – 185 $^{\circ}$ F]
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### Operation/Application

Operating Frequency	4 GHz
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### Packaging Features

Packaging Method	Bag
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### Other

Grade	Military
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Coupling Nut Base Material	Brass
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Dielectric Material	Fluoropolymer
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### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (3.7% in Component part) <b>Article Safe Usage Statements:</b> Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

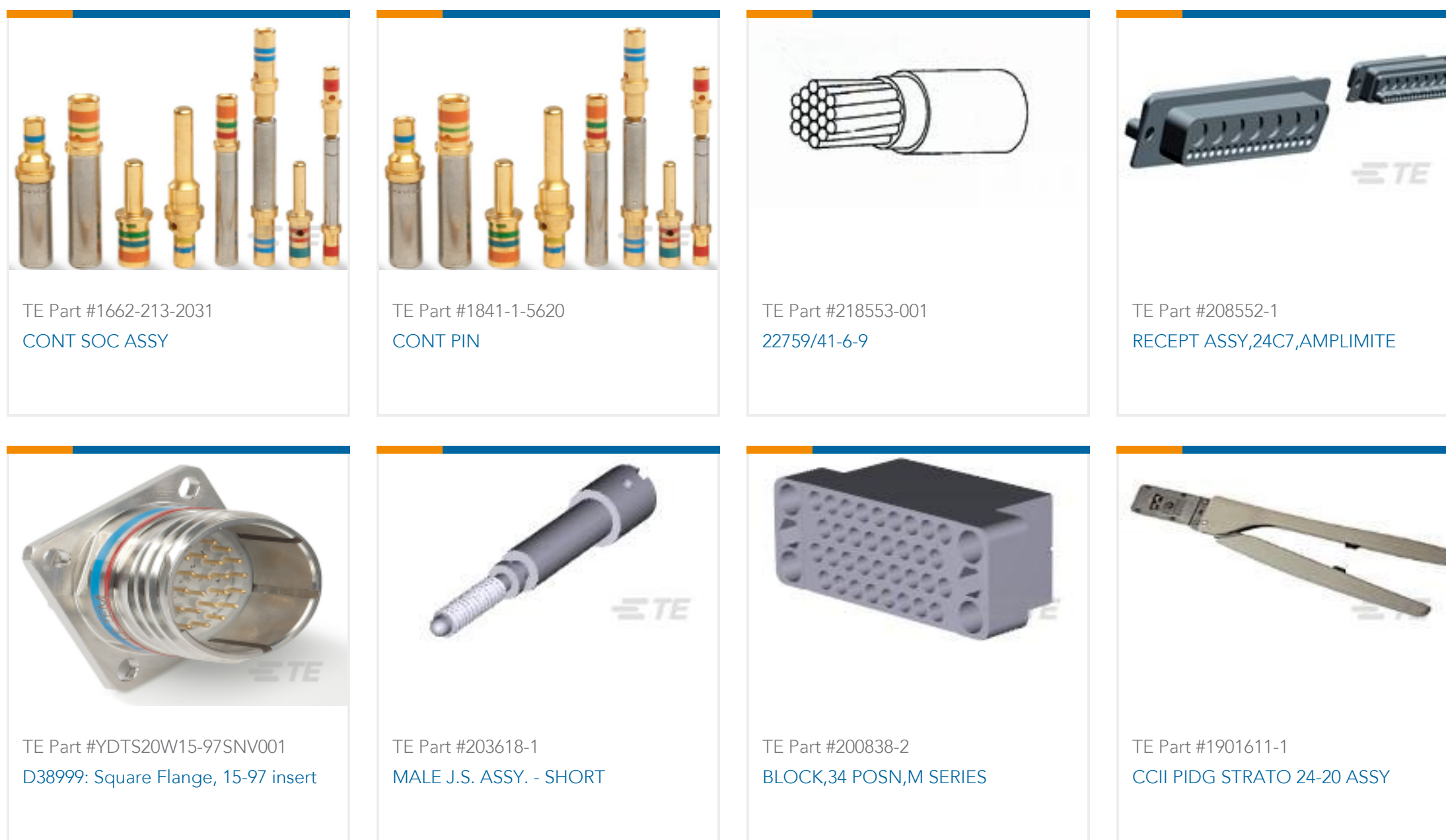
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 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

 <p>TE Part # CAT-076-BNCPK2GMG BNC RF Connector: Plug Kit, Straight, 2 GHz, Military Grade</p>	 <p>TE Part # CAT-076-BNCPK4GMG BNC RF Connector: Plug Kit, Straight, 4 GHz, Military Grade</p>	 <p>TE Part # CAT-076-BNCJK4GMG BNC RF Connector Jack Kit, 50 Ohm, 4 Ghz, Military Grade</p>	 <p>TE Part # CAT-076-BNCVTBAY BNC Vertical Male (Jack) RF Connector, 50 Ohm, Bayonet Coupling Mechanism</p>
 <p>TE Part # 5228226-1 BNC BLKHD JACK ADAPTER GOLD</p>	 <p>TE Part # 5228226-3 BNC BLKHD JACK ADAPTER GOLD</p>	 <p>TE Part # 5225395-1 BNC PLUG DUAL CRIMP RG58,A,B,C</p>	 <p>TE Part # 5227426-1 BNC BLKHD RECPT SEALED</p>



### Customers Also Bought





## Documents

### Product Drawings

#### BNC PLUG DUAL CP RG142

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5225395-6\\_B.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5225395-6\\_B.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5225395-6\\_B.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 Specifications

#### Product Specification

English

### Instruction Sheets

[COAXICON 50-Ohm RF Series BNC Plug Connectors 225395-\(\), 225886-\(\), and 331350-\(\)](#)

English

#### Instruction Sheet (U.S.)

English