

5225398-7 ✓ ACTIVE

TE Internal #: 5225398-7

RF Connectors, BNC RF Interface, Jack, 50  $\Omega$ , RG 174 / RG 188,  
Snap-Fit, 4 GHz Operating Frequency, Cable-to-Panel, 1 Position,  
Sealable, Wire & Cable

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Connectors > RF Coax Connectors > RF Connectors



RF Interface: **BNC**

RF Connector Style: **Jack**

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

Impedance: **50  $\Omega$**

Compatible With RF Cable Type: **RG 174, RG 188**

## Features

### Product Type Features

Connector Shape	Circular
Connector Seal Type	Gasket
RF Interface	BNC
RF Connector Style	Jack
Compatible With RF Cable Type	RG 174, RG 188
Connector System	Cable-to-Panel
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

### Electrical Characteristics

Impedance	50 $\Omega$
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### Body Features



Cable Connector Orientation	Straight
Body Material	Brass
Body Plating Material	Nickel

#### Contact Features

RF Connector Center Contact Underplating Material	Nickel
	1080 μin
Crimp Type	Dual
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

#### Termination Features

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

Panel Attachment Style	Rear Mount
RF Connector Coupling Mechanism	Snap-Fit
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	-65 – 165 °C[-85 – 329 °F]

#### Operation/Application

Operating Frequency	4 GHz
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#### Packaging Features

Packaging Method	Bag
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#### Other

Coupling Nut Base Material	Brass
Grade	Military
Dielectric Material	PTFE

#### 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 2022 (224) Candidate List Declared Against: JUL 2021 (219) 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	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
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



TE Part # 5222420-1  
JACK, VERT, PCB, COMML BNC



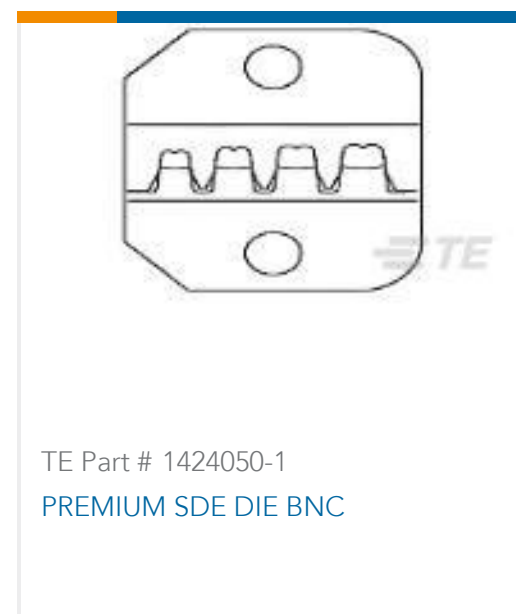
TE Part # 1-5227079-6  
COMM BNC PLUG



TE Part # 1-1478048-0  
BNC Ins BHSkt 75Ohm Nickel Gold Pltd



TE Part # 2-1478904-0  
SMA STR PLG DS RG405 PSS



## Documents

### CAD Files

#### 3D PDF

English

#### Customer View Model

[ENG\\_CVM\\_5225398-7\\_O.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_5225398-7\\_O.3d\\_igs.zip](#)

English

#### Customer View Model



[ENG\\_CVM\\_5225398-7\\_O.3d\\_stp.zip](#)

English

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**Datasheets & Catalog Pages**

**BNC Connectors**

English

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**Product Environmental Compliance**

**MD\_5225398-7\_01272012335**

English

**MD\_5225398-7\_01272012335**

English