

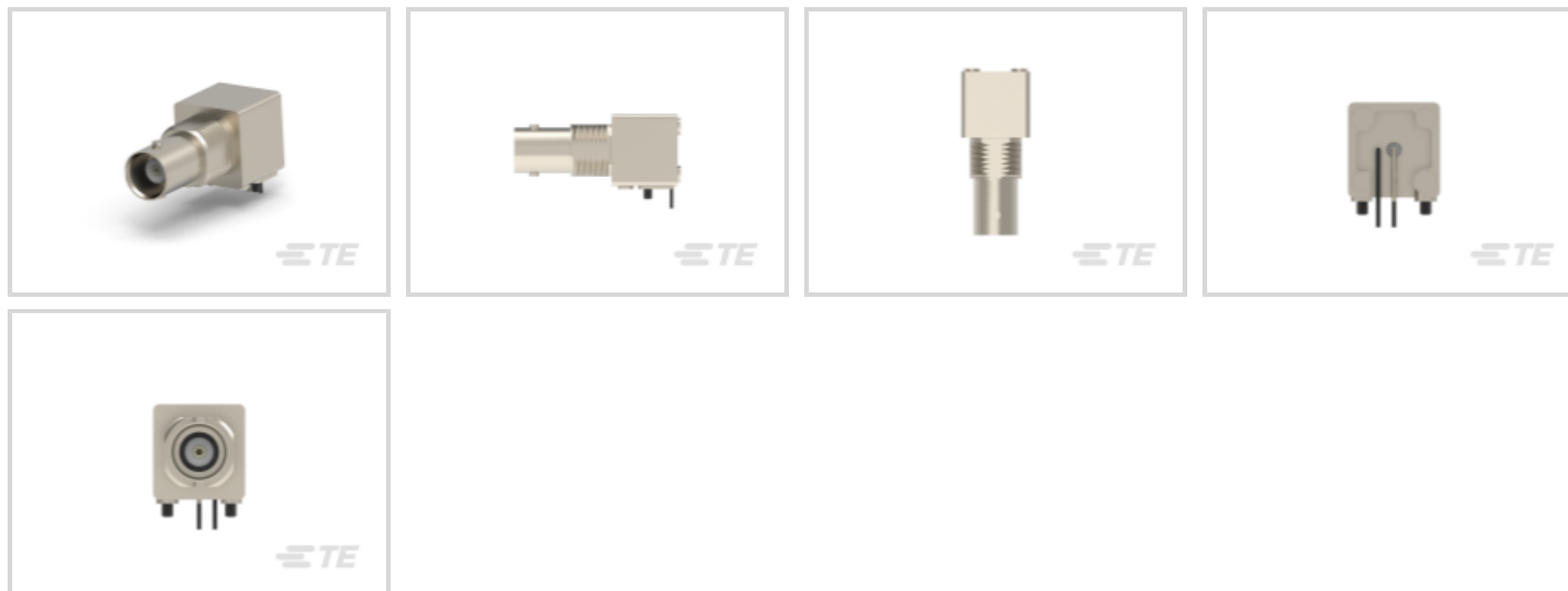
5222092-3 ✓ ACTIVE



TE Internal #: 5222092-3  
BNC RF Interface, Jack, 75  $\Omega$ , Bayonet, 2 GHz Operating  
Frequency, Cable-to-Board, 1 Position, Printed Circuit Board, Panel  
Mount

[View on TE.com >](#)

Connectors > RF Connectors > Coax Connectors > BNC RF Connector: Jack, Right-Angle, 75 Ohm



RF Interface: **BNC**

RF Connector Style: **Jack**

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

Impedance: **75  $\Omega$**

RF Connector Coupling Mechanism: **Bayonet**

[All BNC RF Connector: Jack, Right-Angle, 75 Ohm \(18\)](#)

## Features

### Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| RF Interface                      | BNC                   |
| RF Connector Style                | Jack                  |
| Connector System                  | Cable-to-Board        |
| Sealable                          | No                    |
| Connector & Contact Terminates To | Printed Circuit Board |

### Configuration Features

|                            |             |
|----------------------------|-------------|
| PCB Mount Orientation      | Right Angle |
| Number of Positions        | 1           |
| Number of Coaxial Contacts | 1           |

### Electrical Characteristics

|           |             |
|-----------|-------------|
| Impedance | 75 $\Omega$ |
|-----------|-------------|

### Body Features

|               |      |
|---------------|------|
| Body Material | Zinc |
|---------------|------|



|                       |        |
|-----------------------|--------|
| Body Plating Material | Nickel |
|-----------------------|--------|

### Contact Features

|   |                  |
|---|------------------|
| RF Connector Center Contact Underplating Material | Nickel           |
|   | 30 $\mu$ m       |
| RF Connector Center Contact Plating Material      | Gold             |
| RF Connector Center Contact Material              | Beryllium Copper |

### Termination Features

|   |                       |
|---|-----------------------|
| Termination Post & Tail Length              | 10.92 mm[.43 in]      |
| Termination Method to Printed Circuit Board | Through Hole - Solder |

### Mechanical Attachment

|                                 |                    |
|---------------------------------|--------------------|
| Panel Attachment Style          | Rear Mount         |
| PCB Mount Retention             | With               |
| Panel Mount Feature Type        | Lockwasher and Nut |
| RF Connector Coupling Mechanism | Bayonet            |
| Connector Mounting Type         | Panel Mount        |
| RF Contact Captivation Method   | Mechanical         |
| Detent                          | With               |

### Dimensions

|   |                   |
|---|-------------------|
| Mounting Post Length                            | 3.48 mm[.137 in]  |
| Profile Height from PCB                         | 15.88 mm[.625 in] |
| RF Connector Mated Outer Diameter (Approximate) | 14.53 mm[.572 in] |

### Usage Conditions

|                             |   |
|-----------------------------|---|
| Insulation Option           | Uninsulated                                   |
| Operating Temperature Range | -55 – 85 $^{\circ}$ C[-67 – 185 $^{\circ}$ F] |

### Operation/Application

|                     |       |
|---------------------|-------|
| Operating Frequency | 2 GHz |
|---------------------|-------|

### Packaging Features

|                  |      |
|------------------|------|
| Packaging Method | Tube |
|------------------|------|

### Other

|                      |   |
|----------------------|---|
| RF Connector Comment | If an Insulating Bushing is required, see Part Number 330620. |
| Grade                | Commercial  |

Dielectric Material

Polymethylpentene

## 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

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: JUNE 2023 (235)

SVHC &gt; Threshold:

Pb (3.7% in Component Part)

**Article Safe Usage Statements:**

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 Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Wave solder capable to 265°C

### 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>

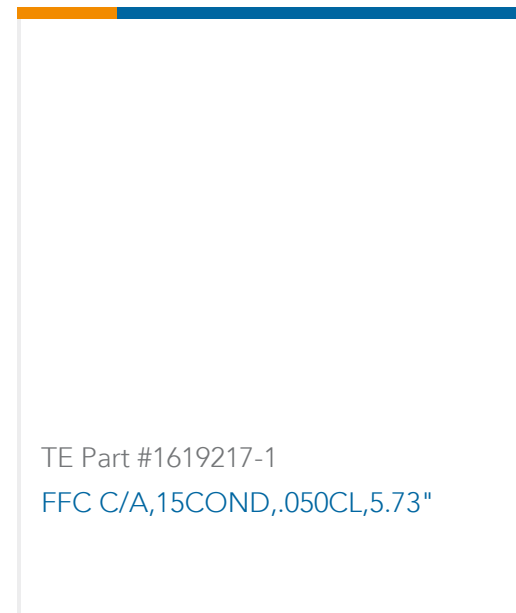
## Compatible Parts





### Customers Also Bought





## Documents

### Product Drawings

JACK,RTANG,PCB,75 OHM,BNC

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5222092-3\\_B.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5222092-3\\_B.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5222092-3\\_B.3d\\_stp.zip](#)

English

#### 3D PDF

English

#### Customer View Model

[ENG\\_CVM\\_5222092-3\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_5222092-3\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_5222092-3\\_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 Specifications

Product Specification

English



### Product Specification

English

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### Product Environmental Compliance

[MD\\_5222092-3\\_01012014836\\_dmtec](#)

English

[MD\\_5222092-3\\_01012014836\\_dmtec](#)

English

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### Agency Approvals

[UL Report](#)

English