# 221128-1 × OBSOLETE

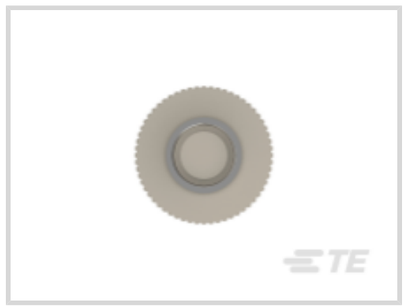
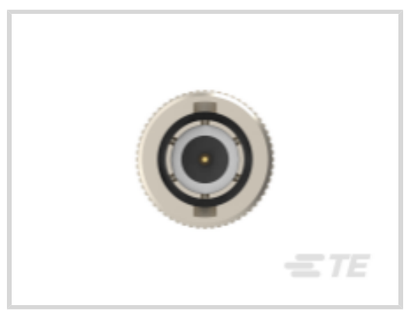
TE Internal #: 221128-1

TE Internal Description: PLUG,COMMERCIAL BNC

View on TE.com >

Connectors > RF Connectors > Coax Connectors



RF Interface: **BNC**

RF Connector Style: **Plug**

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

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 58, RG 58A, RG 58B, RG 58C**

## Features

### Product Type Features

| | |
|---|---|
| Connector Shape | Circular |
| RF Interface | BNC |
| RF Connector Style | Plug |
| Compatible With RF Cable Type | RG 58, RG 58A, RG 58B, RG 58C |
| Connector System | Cable-to-Cable |
| Sealable | No |
| 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 | Zinc |
| Body Plating Material | Nickel |

### Contact Features

| | |
|---|---|
| Crimp Type | Hexagonal Crimping |
| RF Connector Center Contact Underplating Material | Nickel |
| | 1080 µin |
| RF Connector Center Contact Plating Material | Gold (Au) |
| RF Connector Center Contact Material | Brass |

### Termination Features

| | |
|---|---|
| Termination Method to Wire & Cable | Crimp |

### Mechanical Attachment

| | |
|---|---|
| RF Connector Coupling Mechanism | Bayonet |
| Connector Mounting Type | Cable Mount (Free-Hanging) |
| RF Contact Captivation Method | Mechanical |
| Detent | With |

### Dimensions

| | |
|---|---|
| RF Connector Mated Outer Diameter (Approximate) | 14.53 mm[.572 in] |

### Usage Conditions

| | |
|---|---|
| Insulation Option | Uninsulated |

### Operation/Application

| | |
|---|---|
| Operating Frequency | 4 GHz |

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 100 |
| Packaging Method | Carton |

### Other

| | |
|---|---|
| Coupling Nut Base Material | Brass |
| Grade | Commercial |
| Dielectric Material | Polyethylene |

## 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: JAN 2025 (247)<br>Not Yet Reviewed |
| Halogen Content | Not Yet Reviewed for halogen content |
| Solder Process Capability | Not applicable for solder process capability |

Product Compliance Disclaimer

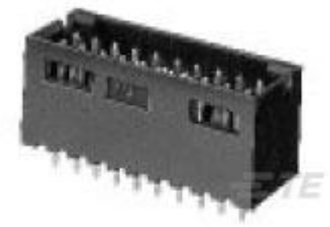
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Customers Also Bought

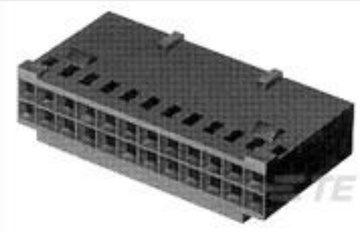
TE Part #202757-1
6 POS. FEM. BLOCK

TE Part #2-87631-3
28 MODIV HSG COMP DR .100 POL

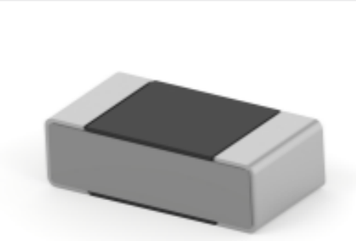
TE Part #9-1625892-5
3W SM M/OX 2% 6R8



TE Part #103168-5
14 MODII HDR DRST SHRD .100CL

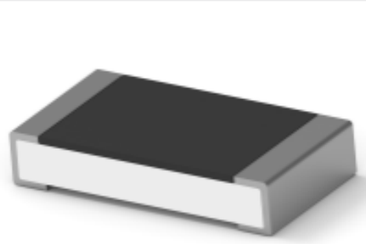


TE Part #5-87631-2
60 MODIV HSG DR MRKD .100 POL



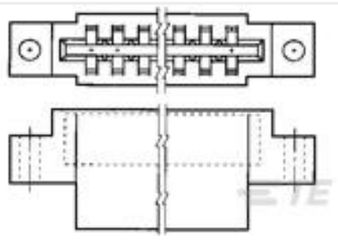
TE Part #1-2176280-9
CPF 0402 165K 0.1% 25PPM 1K RL


TE Part #5-1622824-7
RL73N 1E R47 5% 5K RL



TE Part #8-2176391-3
RQ 1206 88K7 0.1% 10PPM 5K RL

TE Part #NB30794001
RT-220-3/4-9-SP



TE Part #583859-3
HOUSING CSTL 156 C/L 22 POS

## Documents

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_221128-1_AH.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_221128-1_AH.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_221128-1_AH.3d_stp.zip

English



### Product Specifications

English

QUALIFICATION TEST REPORT, CONNECTOR, COAXIAL, 50 AND 75 OHM COMMERCIAL BNC DUAL CRIMP TYPE

English