# 5413476-2 ✔ ACTIVE

TE Internal #: 5413476-2

BNC RF Interface, Jack, 50 ohm, Bayonet, 1 GHz Operating Frequency, Cable-to-Board, 1 Position, Printed Circuit Board, Panel Mount

View on TE.com >

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

| | |
|---|---|
| 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 | Vertical |
| Number of Positions | 1 |
| Number of Coaxial Contacts | 1 |

### Electrical Characteristics

| | |
|---|---|
| Impedance | 50 Ω |

### Body Features

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

### Contact Features

| | |
|---|---|
| RF Connector Center Contact Underplating Material | Nickel |
| | 30 µin |
| RF Connector Center Contact Plating Material | Gold |

| | |
|---|---|
| RF Connector Center Contact Material | Phosphor Bronze |

### Termination Features

| | |
|---|---|
| Termination Post & Tail Length | 5.72 mm[.225 in] |
| Termination Method to PCB | Through Hole - Solder |

### Mechanical Attachment

| | |
|---|---|
| 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 | 35.56 mm[1.4 in] |
| RF Connector Mated Outer Diameter (Approximate) | 14.53 mm[.572 in] |

### Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -55 – 85 °C[-67 – 185 °F] |

### Operation/Application

| | |
|---|---|
| Operating Frequency | 1 GHz |

### Packaging Features

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

### Other

| | |
|---|---|
| Grade | Commercial |
| Dielectric Material | Polymethylpentene |

## 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 2024 (241) |

| | |
|---|---|
| | Candidate List Declared Against: JUNE 2024 (241)<br>Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| 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



TE Part # 5413959-3
BNC HEX RT ANG PLUG 50 OHM



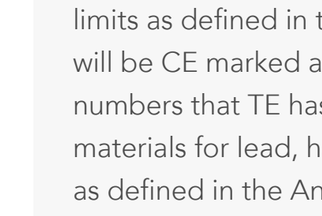
TE Part # 1-221128-0
PLUG,COMMERCIAL BNC



TE Part # 2-5221128-3
PLUG,COMMERCIAL BNC



TE Part # 5221128-1
PLUG,COMMERCIAL BNC



TE Part # 2-221128-3
PLUG,COMMERCIAL BNC

## Customers Also Bought



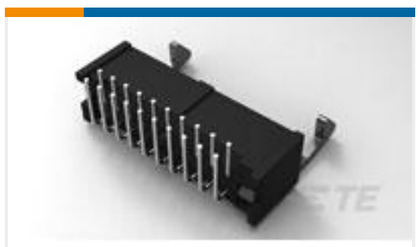
TE Part #103414-1
03 MODII HDR SRST SHRD .100CL



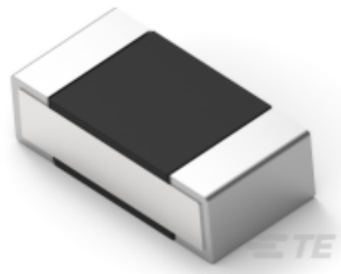
TE Part #1-111623-9
14, 2MM, POL,30 DP, LEAD FREE



TE Part #2-1445055-4
MICRO MNL HDR ASSY S/ROW LF



TE Part #3-1761607-3
IDC LOW PRO HDR 40P RA LG LAT



TE Part #9-2176306-1
RP 1E 0.1W 10K 0.1% 25PPM 5K RL



TE Part #T4062113004-001
RPC-M8-4MS-0.5SH-M8-4FS-PVC



TE Part #1757691-1
A600R,SZ2,(C4/120T2/13C2)



TE Part #2157023-2
A600,Sz1,Receptacle Assy,60/60/5Q2



TE Part #1757625-4
BLANK / 60 / 5C2 RECEPTACLE

TE Part #43020-12-12P7
HERM RECP

## Documents

### Product Drawings

JACK,DECOUPLER,PCB,VERT,BNC

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5413476-2_F_c-5413476-2-f.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5413476-2_F_c-5413476-2-f.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5413476-2_F_c-5413476-2-f.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

### Datasheets & Catalog Pages

## Decoupled Connectors

English

## Product Specifications

## Application Specification

English

# Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

## TE Connectivity:

MPT100C18RF 2310537-1 917696-1 CPF0402B37K4E1 CRGCQ2010J3K3 1-794222-0 175977-2 1969656-1 2005330-1 TE50BR39J 1903112-2 2377783-2 SBCHE154R7K SBCHE64R7K 1743455-2 3-1393225-0 SMW73R0JT 1393431-1 141991-2 2-292161-3 3430B2F51RTDF U5254-000005-030PA RH73H2A40MKTN ROX05SJ18R 1-962915-1 2834055-1 650075-000 936348-1 2380312-2 3631B101LL