# 414758-2 × OBSOLETE

TE Internal #: 414758-2

TE Internal Description: DECOUPLED BNC BLKHD JACK

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

| | |
|---|---|
| Connector Shape | Circular |
| RF Interface | BNC |
| RF Connector Style | Jack |
| 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

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

### Contact Features

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

## Termination Features

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

## Mechanical Attachment

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

## Housing Features

| | |
|---|---|
| Body Orientation | Straight |

## Dimensions

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

## Usage Conditions

| | |
|---|---|
| Insulation Option | Uninsulated |
| Operating Temperature Range | -65 – 165 °C[-85 – 329 °F] |

## Operation/Application

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

## Packaging Features

| | |
|---|---|
| Packaging Method | Carton |

## 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 2025 (250)<br>Candidate List Declared Against: DEC 2014 (161)<br>SVHC > Threshold: |

| | |
|---|---|
| | 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 #ZPF000000000000362
006-0937-16 A



TE Part #ZPF000000000000339
006-0912-16 A



TE Part #ZPF000000000019419
FDBA 56-16-8 PN-K 090



TE Part #ZPF000000000096546
FDBA 57-12-10 PN-K-A499



TE Part #862004-1
RECEPTACLE



TE Part #865656-3
LGH 7 PIN MIN CIRC PLUG KIT



TE Part #1658644-1
HDP-20,RCPT,SIZE 2, 15 POSN,CL



TE Part #5332342
TWIN BNC BHD JACK TEF



TE Part #6648317-1
CONTACT,SOCKET,SIZE #8

TE Part #ZPF000000000000295
006-0910-12 A499

## Documents

### Product Drawings

DECOUPLED BNC BLKHD JACK

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_414758-2_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_414758-2_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_414758-2_C.3d_stp.zip

English

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

### Product Specifications

Application Specification

English

### Instruction Sheets

Instruction Sheet (U.S.)

English