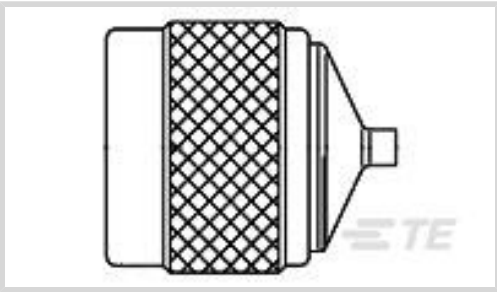




Connectors > RF Coax Connectors > RF Connectors



RF Interface: **N Type**

RF Connector Style: **Plug**

RF Connector Mated Outer Diameter (Approximate): **21 mm [ .827 in ]**

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 402 Semi-Rigid**

Features

Product Type Features

|                                   |                   |
|-----------------------------------|-------------------|
| RF Interface                      | N Type            |
| RF Connector Style                | Plug              |
| Compatible With RF Cable Type     | RG 402 Semi-Rigid |
| 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               | Stainless Steel |
| Body Material Finish        | Passivated      |

Contact Features

|                                                   |                |
|---------------------------------------------------|----------------|
| RF Connector Center Contact Underplating Material | Copper         |
| RF Connector Contact Configuration                | Not Captivated |
| RF Connector Center Contact Plating Material      | Gold           |
| RF Connector Center Contact Material              | Brass          |



Termination Features

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

Mechanical Attachment

|                                 |                            |
|---------------------------------|----------------------------|
| RF Connector Coupling Mechanism | Threaded                   |
| Connector Mounting Type         | Cable Mount (Free-Hanging) |
| RF Contact Captivation Method   | None                       |

Dimensions

|                                                 |                |
|-------------------------------------------------|----------------|
| RF Connector Mated Outer Diameter (Approximate) | 21 mm[.827 in] |
|-------------------------------------------------|----------------|

Usage Conditions

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

Operation/Application

|                     |        |
|---------------------|--------|
| Operating Frequency | 18 GHz |
|---------------------|--------|

Packaging Features

|                  |         |
|------------------|---------|
| Packaging Method | Package |
|------------------|---------|

Other

|                            |                 |
|----------------------------|-----------------|
| Grade                      | Commercial      |
| Coupling Nut Base Material | Stainless Steel |
| Dielectric Material        | PTFE            |

Product Compliance

For compliance documentation, visit the product page on TE.com>

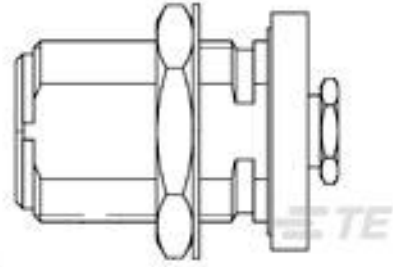
|                                               |                                                                                                                                         |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 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: JAN 2021 (211)<br>Candidate List Declared Against: JAN 2019 (197)<br>SVHC > Threshold:<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.

### Compatible Parts



TE Part # 1057138-1  
3004 7341 10

### Also in the Series | AMP N Series



RF Connectors(19)

### Customers Also Bought



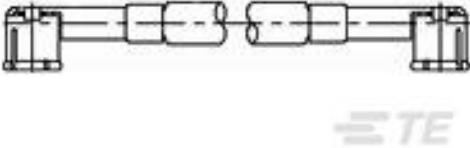
TE Part #1055688-1  
2367 5001 54, VERT PLUG



TE Part #1051018-1  
2004 7985 00



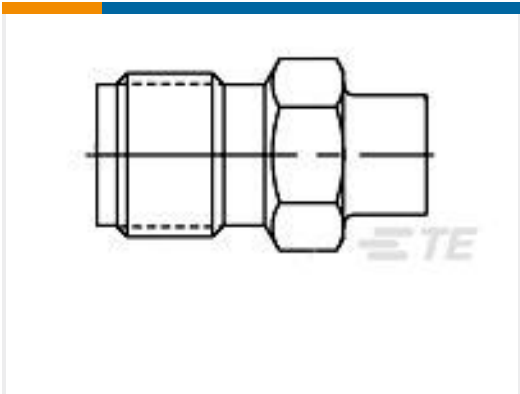
TE Part #1059404-1  
4503 7985 00,OSP CABLE PLUG



TE Part #1064309-1  
9950 1200 23







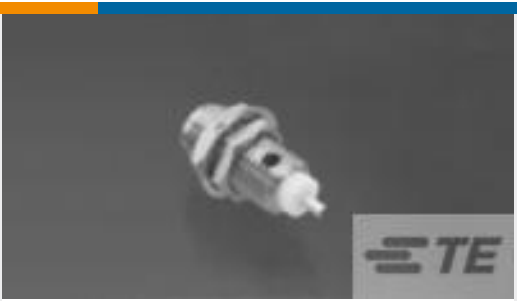
TE Part #1329599-1  
2002 5155 00



TE Part #YDTS24T15-05SBV001  
Jam Nut: D38999, 15-05 Insert



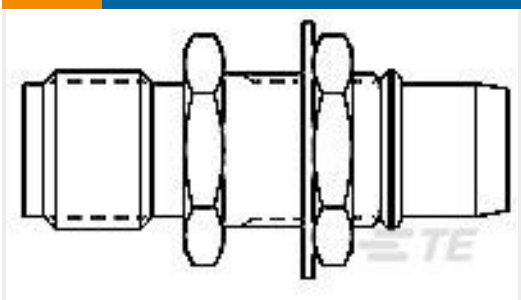
TE Part #1051046-1  
2006 5010 00



TE Part #1046276-1  
SCD,1250 1754 00,SMA Cable jack



TE Part #1051023-1  
2004 8002 90,SMA CABLE JACK



TE Part #1059941-1  
4785 2240 02

Documents

Product Drawings

SCD,1250 1119 00,N

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1046234-1\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1046234-1\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1046234-1\_C.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

Products for Aerospace and Defense

English

Instruction Sheets

Instruction Sheet (U.S.)

English