



Connectors > RF Coax Connectors > Coax Contacts



Connector System: **Cable-to-Cable**  
Number of Positions: 1  
Sealable: **No**  
Connector & Contact Terminates To: **Wire & Cable**  
Body Angle: **Straight**

Features

Product Type Features

|                                   |                |
|-----------------------------------|----------------|
| Connector Style                   | Plug           |
| Product Type                      | Connector - RF |
| Connector System                  | Cable-to-Cable |
| Sealable                          | No             |
| Connector & Contact Terminates To | Wire & Cable   |
| Compatible With RF Cable Type     | RG 405         |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 1 |
|---------------------|---|

Body Features

|                              |                  |
|------------------------------|------------------|
| Outer Shell Material         | Stainless Steel  |
| Inner Shell Material         | Beryllium Copper |
| Outer Shell Finish           | Passivated       |
| Shroud Plating Material      | Nickel           |
| Inner Shell Plating Material | Gold             |
| Shroud Material              | Beryllium Copper |
| Body Angle                   | Straight         |

Contact Features

|                          |                |
|--------------------------|----------------|
| Contact Outside Diameter | 2.8 mm[.11 in] |
|--------------------------|----------------|



|                                              |                  |
|----------------------------------------------|------------------|
| RF Connector Center Contact Material         | Beryllium Copper |
| RF Connector Center Contact Plating Material | Gold             |
| Contact Mating Retention                     | Without          |
| Contact Current Rating (Max)                 | 1 A              |

Mechanical Attachment

|                          |                            |
|--------------------------|----------------------------|
| Panel Attachment Style   | Rear Mount                 |
| Panel Mount Feature Type | Floating                   |
| Connector Mounting Type  | Cable Mount (Free-Hanging) |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 125 °C[-67 – 257 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Packaging Features

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

Other

|                     |      |
|---------------------|------|
| 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: JUN 2020 (209)<br>SVHC > Threshold:<br>Pb (4% in Contact/Component)<br><b>Article Safe Usage Statements:</b><br>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                               | 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



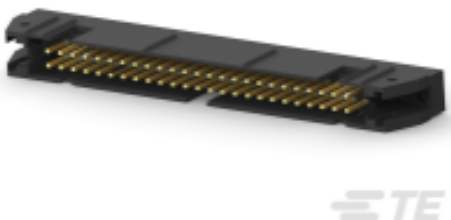
EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical 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 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 # 318813-1  
EXTRACTION TOOL ASSY

### Customers Also Bought



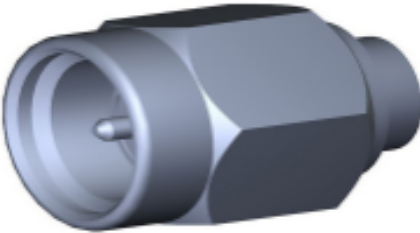
TE Part #102321-4  
AMP-LATCH UNIVERSAL HEADERS



TE Part #1-66103-4  
III+ PIN,24-20,30AU>10,SMPACK



TE Part #1050769-1  
2001 7985 00,SMA CABLE PLUG



TE Part #1757734-1  
2001 5003 02,SMA CABLE PLUG



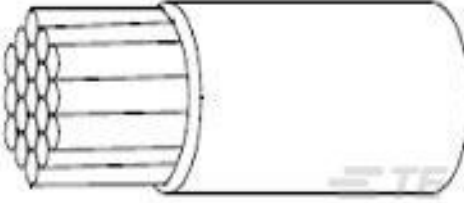
TE Part #1-535542-7  
34 MODIV VRT DR CE 100/130



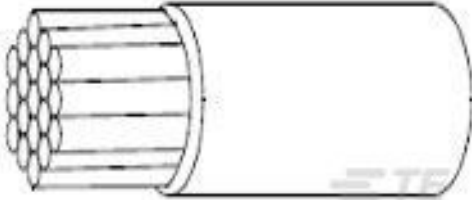
TE Part #YDTS26W25-19SNV001  
D38999: Straight Plug, 25-19 Insert



TE Part #221447-1  
PLUG,SERIES SMA



TE Part #247837-000  
22759/44-20-6



TE Part #216364-001  
22759/33-22-5



TE Part #2226808-1  
COVER, MULTIGIG DAUGHTERCARD, 6U



Documents

Product Drawings  
PLUG,FLOATING,BLINDMATE 2.8MM  
English

CAD Files  
Customer View Model  
ENG\_CVM\_413012-1\_A.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_413012-1\_A.3d\_stp.zip  
English  
Customer View Model  
ENG\_CVM\_413012-1\_A.2d\_dxf.zip  
English  
3D PDF  
English

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

Instruction Sheets  
Instruction Sheet (U.S.)  
English  
AMP BLIND MATE 2.8MM CONNECTORS FOR SEMI-RIGID .086-IN. AND .047-IN C  
English