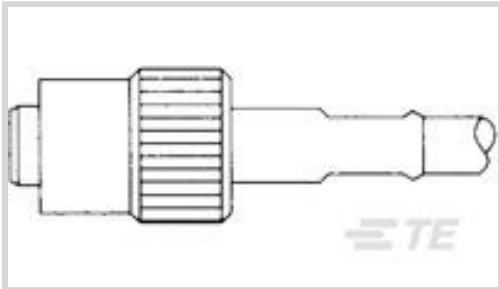




Connectors > RF Coax Connectors > RF Connectors



RF Interface: **Mini Threaded**

RF Connector Style: **Plug**

RF Connector Mated Outer Diameter (Approximate): **3.2 mm [ .126 in ]**

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 180, RG 180A, RG 195**

Features

Product Type Features

|                                   |                         |
|-----------------------------------|-------------------------|
| RF Interface                      | Mini Threaded           |
| RF Connector Style                | Plug                    |
| Compatible With RF Cable Type     | RG 180, RG 180A, RG 195 |
| 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               | Brass    |
| Body Material Finish        | Plated   |
| Body Plating Material       | Silver   |

Contact Features

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



|                                      |       |
|--------------------------------------|-------|
| RF Connector Center Contact Material | Brass |
|--------------------------------------|-------|

Termination Features

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

Mechanical Attachment

|                                 |         |
|---------------------------------|---------|
| RF Connector Coupling Mechanism | Bayonet |
| Detent                          | Without |

Dimensions

|                                                 |                 |
|-------------------------------------------------|-----------------|
| RF Connector Mated Outer Diameter (Approximate) | 3.2 mm[.126 in] |
|-------------------------------------------------|-----------------|

Usage Conditions

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

Operation/Application

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

Packaging Features

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

Other

|                     |      |
|---------------------|------|
| Dielectric Material | PTFE |
|---------------------|------|

Product Compliance

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

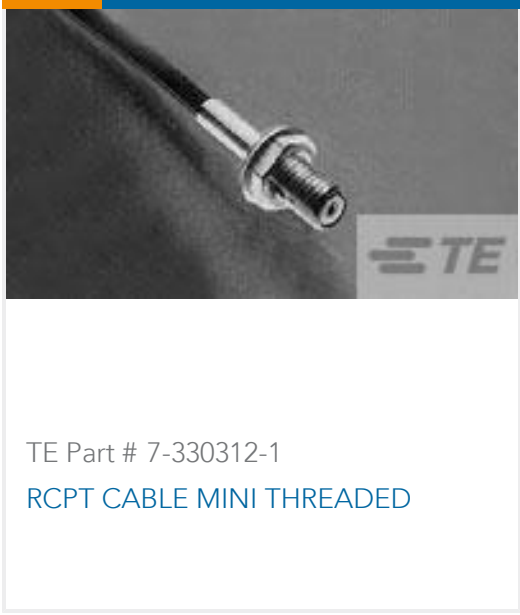
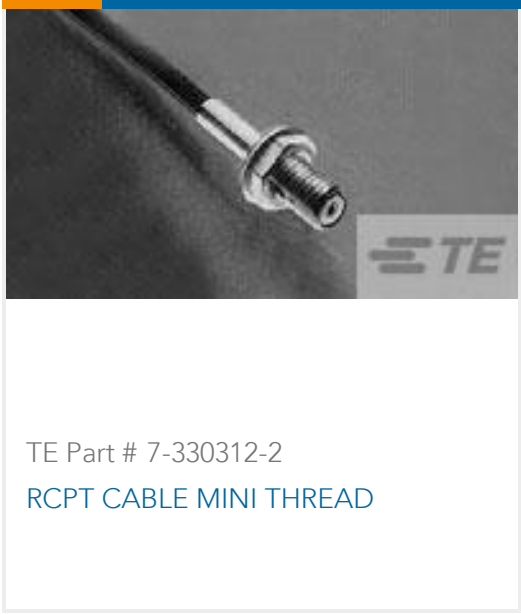
|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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: JAN 2021 (211)<br>SVHC > Threshold:<br>Pb (3.7% in Component part)<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                               | Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free                                                                                                                                                                                                                                                                                                                                   |
| 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>

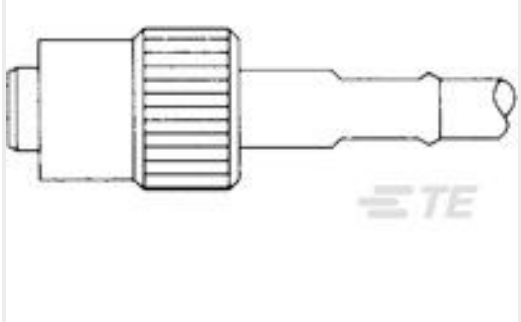
Compatible Parts

|                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|   |   |   |   |
|  |  |  |  |
|  |  |  |  |

Customers Also Bought



TE Part #0462-209-16141  
DEUTSCH SOLID CONTACTS



TE Part #1-330723-2  
MIN THD PLUG KIT



TE Part #114017-ZZ  
DEUTSCH SEALING PLUGS



TE Part #1393813-3  
CRADLE S RELAY V23054



TE Part #1-480698-0  
02P UMNL PLUG HSG NATL



TE Part #ZPF000000000099418  
DTS 20 K 19-32 UB



TE Part #1-330599-0  
MIN. THD. RECEPT. KIT

Documents

Product Drawings

MIN THD PLUG KIT

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_1-330723-0\_K.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_1-330723-0\_K.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_1-330723-0\_K.2d\_dxf.zip

English

3D PDF

English

Customer View Model

ENG\_CVM\_CVM\_1-330723-0\_N.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-330723-0\_N.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-330723-0\_N.3d\_stp.zip

English



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

Product Specifications

Product Specification

English

Connector, COAXICON, Miniature Threaded

English

Product Environmental Compliance

TE Material Declaration

English

Instruction Sheets

Instruction Sheet (U.S.)

English