

2501426-1 ✓ ACTIVE

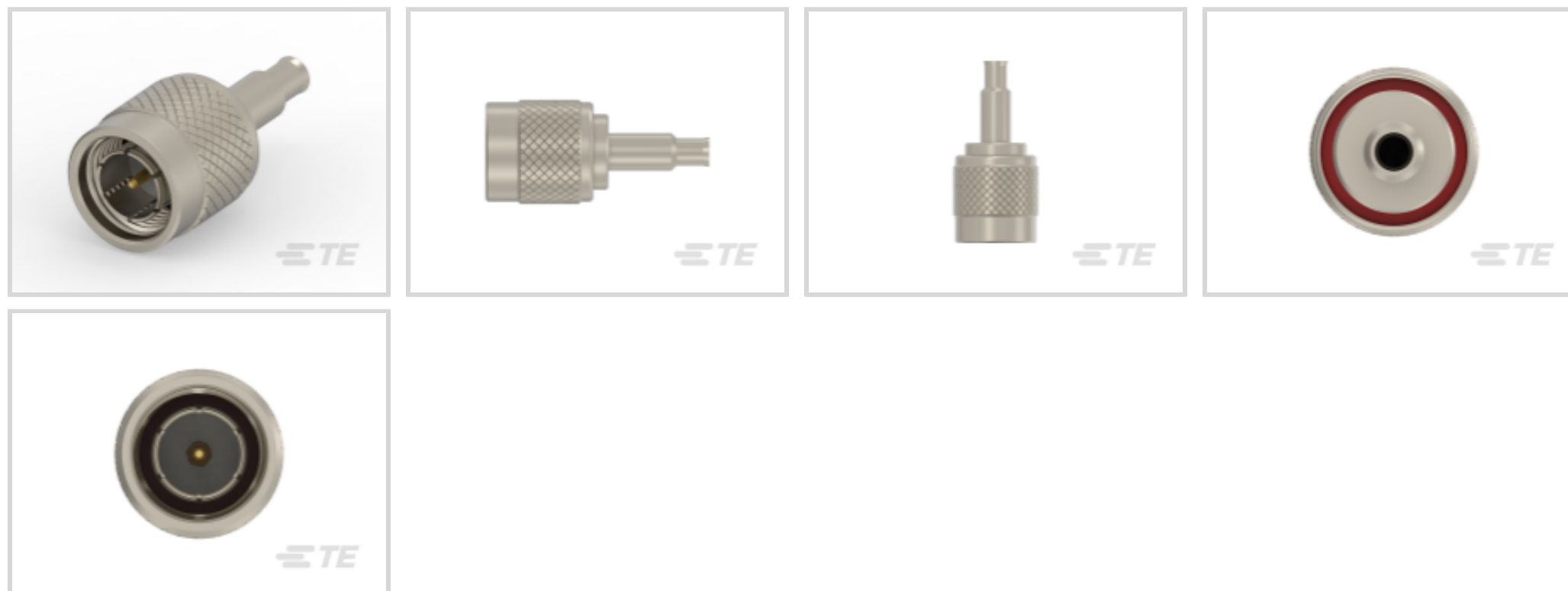
TE Internal #: 2501426-1

TNC Connector, Plug, 75 ohm, Threaded, 0 – 3 GHz, Cable-to-Cable, 1 Position, Wire & Cable, Cable Mount (Free-Hanging), -40 – 85 °C [-40 – 185 °F]

[View on TE.com >](#)



Connectors > RF Connectors > Coax Connectors



RF Interface: **TNC**

RF Connector Style: **Plug**

RF Connector Mated Outer Diameter (Approximate): **16.25 mm [.64 in]**

Impedance: **75 Ω**

Compatible With RF Cable Type: **RG 178, RG 179**

Features

Product Type Features

| | |
|-----------------------------------|----------------|
| Connector Shape | Circular |
| RF Interface | TNC |
| RF Connector Style | Plug |
| Compatible With RF Cable Type | RG 178, RG 179 |
| 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 | 75 Ω |
|-----------|------|

Body Features

| | |
|-----------------------------|----------|
| Cable Connector Orientation | Straight |
|-----------------------------|----------|



| | |
|-----------------------|--------------------|
| Body Material | Brass |
| Body Material Finish | Plated |
| Body Plating Material | Nickel over Copper |

Contact Features

| | |
|---|------------------------------|
| RF Connector Center Contact Underplating Material | Nickel |
| RF Connector Center Contact Plating Material | Gold over Nickel over Copper |
| RF Connector Center Contact Material | Brass |

Termination Features

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

Mechanical Attachment

| | |
|---------------------------------|----------------------------|
| RF Connector Coupling Mechanism | Threaded |
| Connector Mounting Type | Cable Mount (Free-Hanging) |
| RF Contact Captivation Method | Mechanical |
| Detent | Without |

Dimensions

| | |
|---|------------------|
| Product Length | 25 mm[.984 in] |
| RF Connector Mated Outer Diameter (Approximate) | 16.25 mm[.64 in] |

Usage Conditions

| | |
|-----------------------------|---------------------------|
| Operating Temperature Range | -40 – 85 °C[-40 – 185 °F] |
|-----------------------------|---------------------------|

Operation/Application

| | |
|---------------------|-----------|
| Operating Frequency | 0 – 3 GHz |
|---------------------|-----------|

Packaging Features

| | |
|------------------|---------|
| Packaging Method | Bag/Box |
|------------------|---------|

Other

| | |
|---------------------|------------|
| Grade | Commercial |
| Dielectric Material | POM |

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 | Not Yet Reviewed |
| 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 2025 (247)

Candidate List Declared Against: JAN 2025 (247)

SVHC > Threshold:

Pb (3.8% in Component Part)

Article Safe Usage Statements:

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 reviewed 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 # 2501435-1
TNC Jack-Jack Bulkhead Isolated 75 Ohm



TE Part # 333867-000
RTD-75-M-04

Documents

Product Drawings

TNC Plug Str Crimp RG-179, 187

English

CAD Files

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_2501426-1_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2501426-1_1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2501426-1_1.3d_igs.zip](#)

English

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

Product Specifications

[Product Specification](#)

English