

5414168-3 ✓ ACTIVE

TE Internal #: 5414168-3

RF Connectors, TNC RF Interface, Jack, RF Connector Mated Outer

Diameter (Approximate) .64 in [16.26 mm], 50  $\Omega$

[View on TE.com >](#)



Connectors > RF Coax Connectors > RF Connectors > TNC Connector: Male (Jack), 50 Ohm



RF Interface: **TNC**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **16.26 mm [ .64 in ]**

Impedance: **50  $\Omega$**

Compatible With RF Cable Type: **RG 174, RG 188, RG 316**

[All TNC Connector: Male \(Jack\), 50 Ohm \(4\)](#)

## Features

### Product Type Features

RF Interface	TNC
RF Connector Style	Jack
Compatible With RF Cable Type	RG 174, RG 188, RG 316
Connector System	Cable-to-Cable
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector Seal Type	Gasket

### Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

### Electrical Characteristics

Impedance	50 $\Omega$
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### Body Features

Cable Connector Orientation	Straight
Body Material	Zinc
Body Plating Material	Nickel

#### Contact Features

RF Connector Center Contact Underplating Material	Nickel
Crimp Type	Dual
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

#### Termination Features

Termination Method to Wire & Cable	Crimp
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#### Mechanical Attachment

PCB Mount Retention	Without
RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	Without

#### Dimensions

Panel Thickness (Recommended)	6.35 mm[.25 in]
RF Connector Mated Outer Diameter (Approximate)	16.26 mm[.64 in]

#### Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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#### Operation/Application

Operating Frequency	4 GHz
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#### Packaging Features

Packaging Method	Carton
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#### 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
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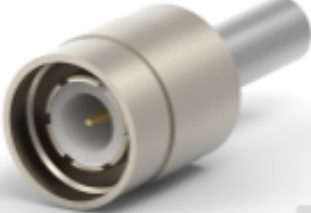




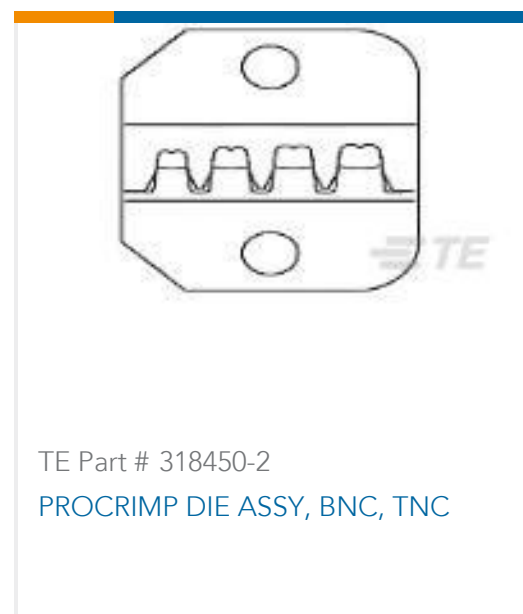
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JUN 2018 (191) SVHC > Threshold: Not Yet Reviewed
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # 1-225554-1 TNC-DUAL CMP R/ANGLE PLUG-W/P	 TE Part # 5225555-6 TNC PLUG DUAL W/P TR	 TE Part # 5-1814800-3 TNC Str Plg Hex 50Ohm Nickel Pltd RG58C	 TE Part # 225554-6 TNC RT ANG PLUG DUAL W/P
 TE Part # 225555-6 TNC PLUG DUAL W/P TR	 TE Part # CAT-076-TNCF50 TNC Connector: Female (Plug), 50 Ohm	 TE Part # 1-329631-2 JAM NUT, PLATED	 TE Part # 228179-3 PLUG,WEATHER PROOF,SERIES TNC



## Customers Also Bought



## Documents

### Product Drawings

JACK,BULKHEAD,COM'L TNC

English

### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_5414168-3\_O.2d\_dxf.zip

5414168-3

RF Connectors, TNC RF Interface, Jack, RF Connector Mated Outer Diameter  
(Approximate) .64 in [16.26 mm], 50  $\Omega$



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_5414168-3\\_O.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_5414168-3\\_O.3d\\_stp.zip](#)

English

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

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## Datasheets & Catalog Pages

**TNC Connectors**

English

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## Product Specifications

**Connector, TNC Series, Coaxial, Commercial**

English

**Product Specification**

English