

1057780-1 ✓ ACTIVE

TE Internal #: 1057780-1

RF Connectors, TNC RF Interface, Jack, 50 Ω, Threaded, 4 GHz

Operating Frequency, Cable-to-Panel, 1 Position, Panel Mount, -55  
– 85 °C [-67 – 185 °F]

[View on TE.com >](#)



Connectors > RF Coax Connectors > RF Connectors



RF Interface: **TNC**

RF Connector Style: **Jack**

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

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Threaded**

## Features

### Product Type Features

RF Interface	TNC
RF Connector Style	Jack
Connector System	Cable-to-Panel
Sealable	No

### 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	Nickel



### Contact Features

RF Connector Center Contact Underplating Material	Copper
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

### Termination Features

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

### Mechanical Attachment

Panel Mount Feature Type	Flange
RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Epoxy
Detent	Without

### Dimensions

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

### Usage Conditions

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

### Operation/Application

Operating Frequency	4 GHz
---------------------	-------

### Packaging Features

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

### Other

RF Connector Comment	Captured Center Contact - Straight Terminal
Grade	Commercial
Dielectric Material	TFE Fluorocarbon

### 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: JUNE 2022  
(224)

Candidate List Declared Against: JUL 2021  
(219)

SVHC > Threshold:

Pb (3.7% 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 applicable for solder process capability

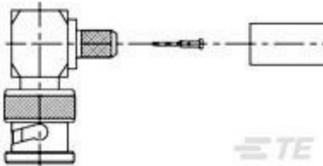
**Product Compliance Disclaimer**

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 # CAT-076-TNCF50  
TNC Connector: Plug, 50 Ohm



TE Part # 1-1337544-0  
BNC R/A Plg Hex 50Ohm Nickel Pltd RG58C/



TE Part # 5225555-5  
TNC PLUG DUAL W/P TR



TE Part # 225555-6  
TNC PLUG DUAL W/P TR



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 # 225554-6  
TNC RT ANG PLUG DUAL W/P

## Documents

[Product Drawings](#)



## 3152 1201 10,TNC FLANGE JACK

English

---

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1057780-1\\_A\\_c-1057780-1-a.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1057780-1\\_A\\_c-1057780-1-a.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1057780-1\\_A\\_c-1057780-1-a.3d\\_stp.zip](#)

English

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

---

### Datasheets & Catalog Pages

#### TNC Connectors

English