



TE Internal #: 5227835-1
TNC Connector, Jack, 50 ohm, Screw, 11 GHz, Cable-to-Board, 1
Position, Printed Circuit Board, Panel Mount, -55 – 85 °C [-67 – 185 °
F], Zinc, Nickel
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Connectors > RF Connectors > Coax 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: **Screw**

Features

Product Type Features

RF Interface	TNC
RF Connector Style	Jack
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Body Material	Zinc
Body Plating Material	Nickel

Contact Features

RF Connector Center Contact Underplating Material	Nickel
RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Phosphor Bronze



Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	5.33 mm[.21 in]

Mechanical Attachment

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

Dimensions

Profile Height from PCB	35.57 mm[1.4 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	11 GHz
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Packaging Features

Packaging Method	Tray
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Other

Dielectric Material	Polymethylpentene
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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 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (3.7% in 74019790) 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 Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

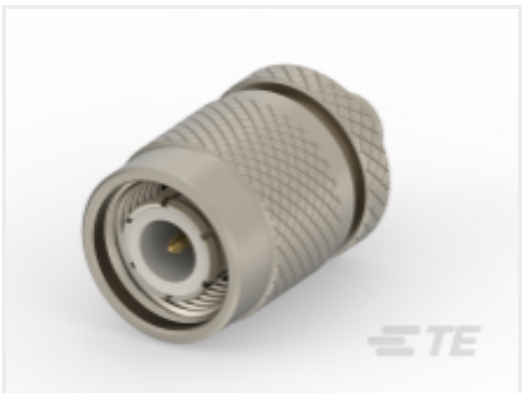
Product Compliance Disclaimer

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>

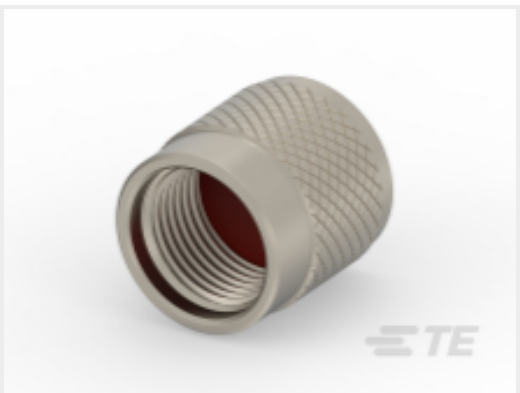
Compatible Parts




TE Part # ANT-450-HSW-TNC
Antenna HSW 450 IP67 TNC Jack




TE Part # 2501433-1
TNC Plug to SMA Jack Str 50 Ohm



TE Part # 2501432-1
TNC Plug Protection Cap



TE Part # L9000355-01
Magnetic Base SMA Jack MR195 1M TNC Plug



TE Part # L9000352-01
Magnetic Base RPS Jack MR195 1M TNC Plug

Customers Also Bought




TE Part #2-1761607-1
IDC LOW PRO HDR 6P RA LAT B



TE Part #HDP24-24-47PE-L015
REC, 47P, BLK, E, THD, 16/20, P



TE Part #1-2308340-5
FULL METAL HOODS SIZE 1-5 (RAW 180 DEG)



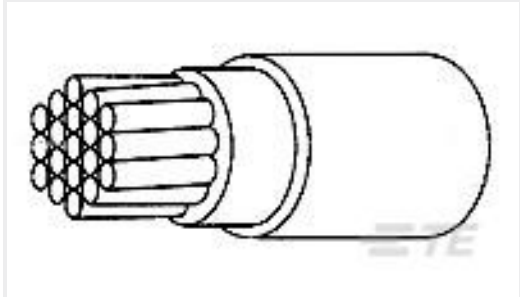
TE Part #ANT-916-CW-HW
Antenna 1/2 Wave Dipole Whip 916MHz RPS



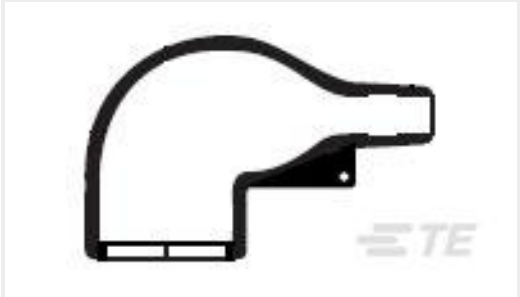
TE Part #2127931-2
C/A, SFP+, GENERIC, 1.0M



TE Part #2-2176345-0
CRGCQ 1210 390R 1%



TE Part #4997813001
100G0111-1.50-6



TE Part #309810-000
222K142-100-0



TE Part #5-146252-5
10 MODII HDR DRST B/A .100 LF



TE Part #ANT-868-CW-HW
Antenna 1/2 Wave Whip 868MHz RPS

Documents

Product Drawings

TNC PCB VERT JACK W/POST

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5227835-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5227835-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5227835-1_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

BNC Connectors

English