5227839-1 ✔ ACTIVE

TE Internal #: 5227839-1

TNC RF Interface, Jack, 50 Ω, Screw, 11 GHz Operating Frequency, Cable-to-Board, 1 Position, Printed Circuit Board, Panel Mount

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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

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
RF Connector Center Contact Material	Phosphor Bronze

Termination Features

Termination Post & Tail Length	4.1 mm[.162 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

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

Dimensions

Panel Thickness (Recommended)	6.1 mm[.24 in]
Profile Height from PCB	15.88 mm[.625 in]
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	11 GHz

Packaging Features

Packaging Method	Tray

Other

Additional Features	Mounting Posts
Dielectric Material	Polymethylpentene

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

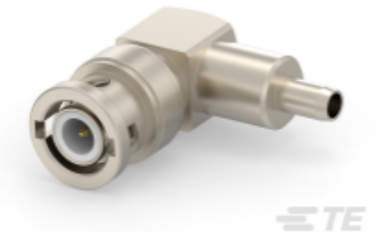
Product Compliance Disclaimer

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 # 1-329631-2
JAM NUT, PLATED



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



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



TE Part # ANT-DB1-HDP-TNC
Antenna Horz Tri-Band RG174 3M TNC



TE Part # ANT-DB1-RMS-TNC
Antenna Vehicle DualBand RG58 4.3M TNC



TE Part # ANT-DB1-RMT-TNC
Antenna Vehicle DualBand RG58 4.3M TNC



TE Part # ANT-DB1-VDP-TNC
Antenna Vert Tri-Band RG174 2M TNC



TE Part # ANT-MAG-B50-TNC
Antenna Magnetic Base 50mm RG58 4M TNC



TE Part # ANT-MAG-B66-TNC
Antenna Magnetic Base 66mm RG174 4M TNC



TE Part # ANT-MAG-B85-TNC
Antenna Magnetic Base 85mm RG174 4M TNC



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



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

Customers Also Bought



TE Part # 5100143-1
2MM H.M. TYPE "A" PIN ASSY.



TE Part # 5-104935-6
05 MTE HDR SRRA LTCH.100CL LF



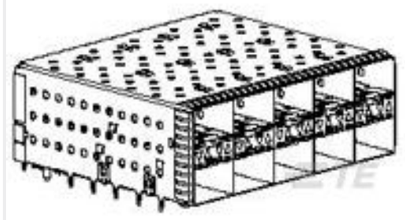
TE Part # 1-1393161-9
RP28500-RETAINING CLIP



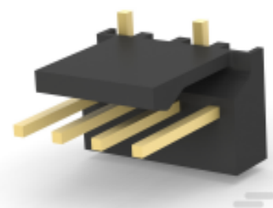
TE Part # 4-1624113-5
3650 0805 91nH 5% 2K RL



TE Part # 8-34105-1
SOLIS R 22-16 COMM 22-18 MIL 6



TE Part # 2132403-5
2X5 SFP+ w/ Springs, 4 LP Sn



TE Part # 3-1744163-4
04P MTA100 HDR ASSY SM 30AU LF



TE Part # 2-2170747-3
CAGE ASSY, 1X4, QSFP28, SPRING, HS, LP

TE Part # 1645664-1
ASSY,RECPT,EUROCARD,TYPE 1/3C

Documents

Product Drawings

TNC PCB RT ANGLE JACK

English

CAD Files

Customer View Model

ENG_CVM_5227839-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_5227839-1_A.3d_stp.zip

English

Customer View Model

ENG_CVM_5227839-1_A.2d_dxf.zip

English

3D PDF

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Datasheets & Catalog Pages

TNC Connectors

English