



Connectors > RF Coax Connectors > RF Connectors > TNC Connector: Female (Plug), 50 Ohm



RF Interface: **TNC**

RF Connector Style: **Plug**

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

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 58, RG 58A, RG 58B, RG 58C**

[All TNC Connector: Female \(Plug\), 50 Ohm \(9\)](#)

Features

Product Type Features

RF Interface	TNC
RF Connector Style	Plug
Compatible With RF Cable Type	RG 58, RG 58A, RG 58B, RG 58C
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	50 Ω
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Body Features

Cable Connector Orientation	Straight
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Body Material	Brass
Body Plating Material	Nickel

Contact Features

RF Connector Center Contact Underplating Material	Nickel
Crimp Type	Hex
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Brass

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

RF Connector Coupling Mechanism	Push-On
RF Contact Captivation Method	Mechanical
Detent	Without

Dimensions

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

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

Operating Frequency	7 GHz
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Packaging Features

Packaging Method	Bag
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Other

Grade	Commercial
Dielectric Material	Polypropylene

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 2021 (211)



Candidate List Declared Against: JAN 2021
(211)
SVHC > Threshold:
Pb (3.7% in Component part)

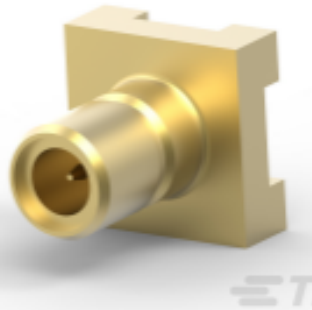
Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

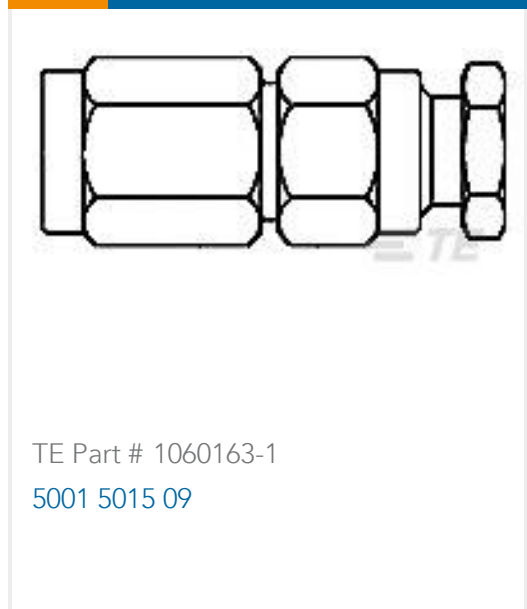
Product Compliance Disclaimer

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>

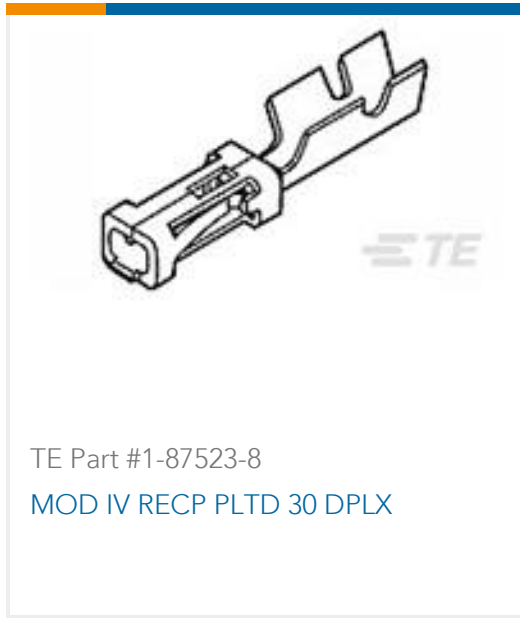
Compatible Parts

 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 # 1057780-1 3152 1201 10,TNC FLANGE JACK	 TE Part # 1-1337604-0 SMB SMT Skt 50Ohm Gold Pltd
 TE Part # 1-1337469-0 TNC BHSt + Tag 50Ohm Silver Pltd	 TE Part # 1057676-1 3104 7941 00	 TE Part # 1057679-1 3104 7985 00	 TE Part # 225554-6 TNC RT ANG PLUG DUAL W/P



 TE Part # 225555-6 TNC PLUG DUAL W/P TR	 TE Part # 5221198-1 JACK,VERT,PCB,TWIN BNC	 TE Part # 5225557-6 TNC-DUAL CMP BKHD JACK-W/P	 TE Part # 5228686-1 TWIN BNC PCB RCPT
 TE Part # 5332342 TWIN BNC BHD JACK TEF	 TE Part # 225557-6 TNC-DUAL CMP BKHD JACK-W/P	 TE Part # 228502-1 TNC,REAR MOUNTED,JACK ASSY	 TE Part # 1060163-1 5001 5015 09
 TE Part # CAT-076-TNCM50 TNC Connector: Male (Jack), 50 Ohm	 TE Part # 1-1337552-0 FME Str Jk Hex Nickel Pltd RG58C/U, 141A	 TE Part # 1-1478416-0 TNC Str Jk PS 50Ohm Silver Pltd RG58C/U,	 TE Part # 1057699-1 3106 7985 00

Customers Also Bought

 TE Part #208495-1 CMC SERIES 3	 TE Part #208459-1 CMC SERIES 1	 TE Part #211825-2 CPC SERIES 4	 TE Part #1-87631-5 20 MODIV HSG COMP DR .100 POL
 TE Part #103361-1 03 MODII HDR SRRA SHRD .100CL	 TE Part #1393304-9 V23134J1052D642-EV-CBOX	 TE Part #1-87523-8 MOD IV RECP PLTD 30 DPLX	 TE Part #NB17982001 RNF-100-1-1/2-CL-STK



Documents

Product Drawings
CONNECTOR,PLUG,HEX CRIMP,TNC
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_5222506-1_O.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_5222506-1_O.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_5222506-1_O.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

Product Specifications
Connector, TNC Series, Coaxial, Commercial
English
Product Specification
English

Instruction Sheets
Instruction Sheet (U.S.)
English
COAXICON 50-Ohm RF Series Commercial TNC Plug Connectors (Hex Crimp Type)
English