



Connectors > RF Coax Connectors > RF Connectors



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 213, RG 8, RG 8A**

Features

Product Type Features

RF Interface	TNC
RF Connector Style	Plug
Compatible With RF Cable Type	RG 213, RG 8, RG 8A
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 Ω
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Body Features

Body Shape	Circular
Cable Connector Orientation	Straight
Body Material	Brass
Body Material Finish	Plated
Body Plating Material	Nickel

Contact Features

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RF Connector Center Contact Underplating Material	Nickel
Crimp Type	Dual
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	Snap-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	-65 – 165 °C[-85 – 329 °F]
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Operation/Application

Operating Frequency	11 GHz
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Packaging Features

Packaging Method	Carton
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Other

Grade	Military
Dielectric Material	PTFE

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
EU ELV Directive 2000/53/EC	Not Compliant
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 2016 (169) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content



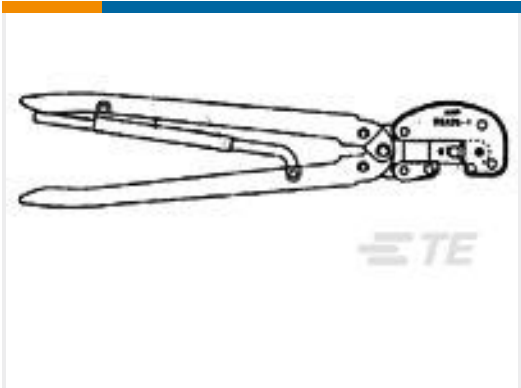
Solder Process Capability

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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

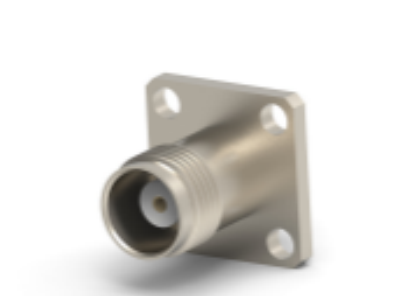
 TE Part # 1-225554-1 TNC-DUAL CMP R/ANGLE PLUG-W/P	 TE Part # 5225555-6 TNC PLUG DUAL W/P TR	 TE Part # 1057780-1 3152 1201 10,TNC FLANGE JACK	 TE Part # 1057676-1 3104 7941 00
 TE Part # 1057679-1 3104 7985 00	 TE Part # 220015-1 HHHT COAXIAL ASSY	 TE Part # 225554-6 TNC RT ANG PLUG DUAL W/P	 TE Part # 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 # 228502-1
TNC,REAR MOUNTED,JACK ASSY



TE Part # CAT-076-TNCM50
TNC Connector: Male (Jack), 50 Ohm



TE Part # 1057699-1
3106 7985 00



TE Part # 228179-3
PLUG,WEATHER PROOF,SERIES TNC

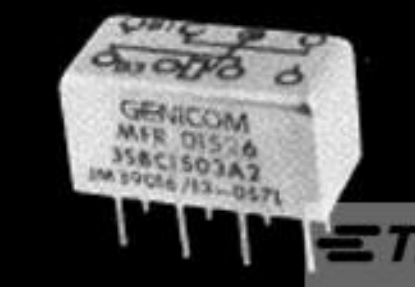


TE Part # 5225559-2
TNC RT ANG PLUG DUAL W/P TR



TE Part # 5331238
TNC BHD JACK HEX

Customers Also Bought



TE Part #1617074-9
3SBC5005K1 = RELAY



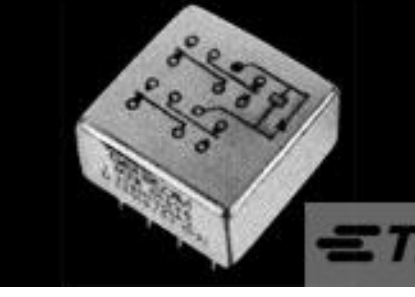
TE Part #55813-1
AMPPOWER TERMINAL 90 BENT



TE Part #1616005-6
B429W (FAA/PMA)=RELAY



TE Part #204515-3
AMPLIMITE,ASY,PLUG,STD,90,2,KIT



TE Part #3-1617076-0
3SBH1261A2 = M39016/54-011M



TE Part #1051900-1
2032 8007 92



TE Part #5225555-7
TNC PLUG



TE Part #55840-1
COPALUM R 3/0A 2/OC (2)3/8



TE Part #696423-9
TERMINAL,PIDG PVF2 R 16-14 3/8



TE Part #ZPF000000000163603
DMC-M 99-10 SN

Documents



Product Drawings

TNC PLUG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_225555-7_F_c-225555-7-f.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_225555-7_F_c-225555-7-f.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_225555-7_F_c-225555-7-f.3d_stp.zip

English

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

Product Specifications

Product Specification

English

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English