



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 142, RG 142A, RG 142B**

Features

Product Type Features

RF Interface	TNC
RF Connector Style	Plug
Compatible With RF Cable Type	RG 142, RG 142A, RG 142B
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

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	Bag
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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	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 (4% 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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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>

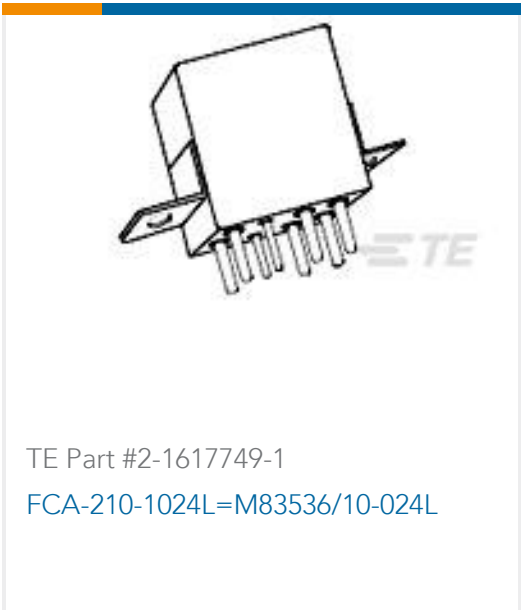
Compatible Parts

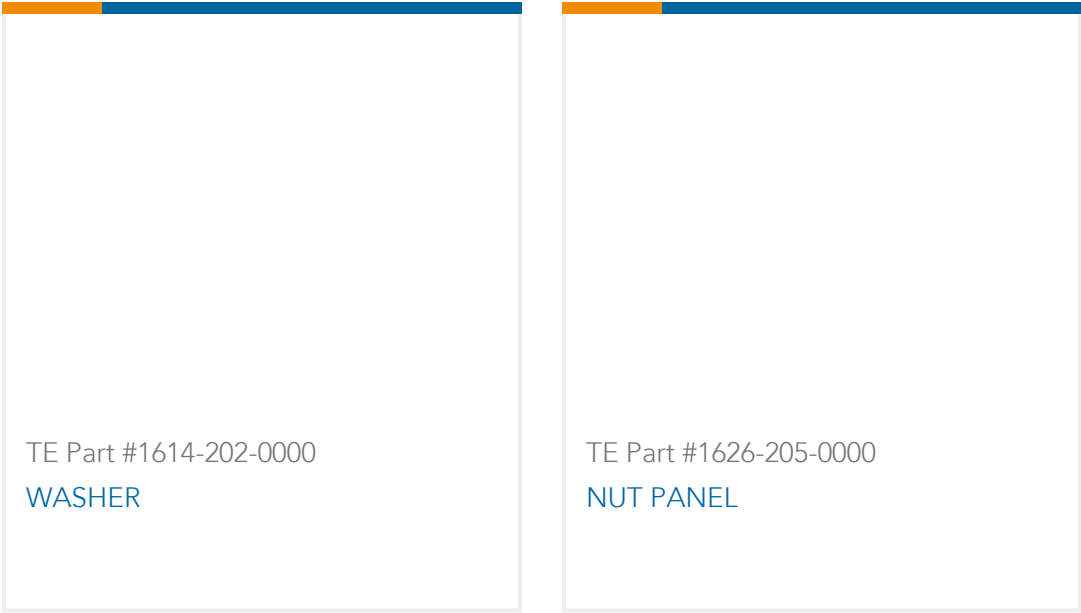
 TE Part # CAT-076-TNCF50 TNC Connector: Female (Plug), 50 Ohm	 TE Part # CAT-076-TNCM50 TNC Connector: Male (Jack), 50 Ohm	 TE Part # 1-225554-1 TNC-DUAL CMP R/ANGLE PLUG-W/P	 TE Part # 5225555-6 TNC PLUG DUAL W/P TR
 TE Part # 1057780-1 3152 1201 10,TNC FLANGE JACK	 TE Part # 1057676-1 3104 7941 00	 TE Part # 1057679-1 3104 7985 00	 TE Part # 225554-6 TNC RT ANG PLUG DUAL W/P



 TE Part # 5221198-1 JACK,VERT,PCB,TWIN BNC	 TE Part # 5225555-2 TNC PLUG DUAL W/P TR	 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 # 5225555-5 TNC PLUG DUAL W/P TR	 TE Part # 5225554-6 TNC RT ANG PLUG DUAL	 TE Part # 225557-6 TNC-DUAL CMP BKHD JACK-W/P
 TE Part # 1058694-1 3701 7941 02	 TE Part # 225555-2 TNC PLUG DUAL W/P TR	 TE Part # 228502-1 TNC,REAR MOUNTED,JACK ASSY	 TE Part # 225559-2 TNC RT ANG PLUG DUAL W/P TR

Customers Also Bought

 TE Part #1841-1-5620 CONT PIN	 TE Part #2-1617749-1 FCA-210-1024L=M83536/10-024L	 TE Part #DTS26W23-35PN D38999: Straight Plug, 23-35 Insert	 TE Part #203618-1 MALE J.S. ASSY. - SHORT
 TE Part #200838-2 BLOCK,34 POSN,M SERIES	 TE Part #203540-1 GROUNDING CONN,14 POS	 TE Part #204814-1 GROUNDING CONN. 34 POS. ASY.	 TE Part #1614-201-0000 WASHER



Documents

Product Drawings

TNC PLUG DUAL W/P TR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_225555-6_F_c-225555-6-f.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_225555-6_F_c-225555-6-f.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_225555-6_F_c-225555-6-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

Agency Approvals

UL Report

English