



TNC

TE Internal #: 225555-6
TNC Connector, Plug, 50 ohm, Snap-On, 11 GHz, Cable-to-Cable,
1 Position, Sealable, Wire & Cable, -65 – 165 °C [-85 – 329 °F],
Crimp, Straight, TNC

[View on TE.com >](#)

Connectors > RF Connectors > Coax Connectors



RF Interface: **TNC**
RF Connector Style: **Plug**
RF Connector Mated Outer Diameter (Approximate): **16.26 mm [.64 in]**
Impedance: **50 Ω**
RF Connector Coupling Mechanism: **Snap-On**

Features

Product Type Features

Connector Seal & Plug Type	Gasket
Connector Shape	Circular
RF Interface	TNC
RF Connector Style	Plug
Connector System	Cable-to-Cable
Sealable	Yes
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

Body Material	Brass
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Body Material Finish	Plated
Body Plating Material	Nickel

Contact Features

Crimp Type	Dual Crimp
RF Connector Center Contact Underplating Material	Nickel
RF Connector Center Contact Plating Material	Gold (Au)
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

Housing Features

Body Orientation	Straight
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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 Range	11 GHz
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Packaging Features

Packaging Method	Bag
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Other

Grade	Military
Dielectric Material	Polytetrafluoroethylene (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: JUNE 2025 (250) 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	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 # 220045-2
DAHT COAXICON RG141 C ASSY



TE Part # 5222506-1
CONNECTOR,PLUG,HEX CRIMP,TNC



TE Part # 1057699-1
3106 7985 00



TE Part # 5225555-6
TNC PLUG DUAL W/P TR



TE Part # 5228686-1
TWIN BNC PCB RCPT



TE Part # 1-225554-1
TNC-DUAL CMP R/ANGLE PLUG-W/P



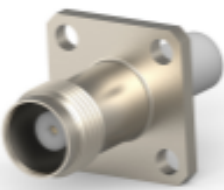
TE Part # 1057697-1
3106 7941 00



TE Part # 225554-6
TNC RT ANG PLUG DUAL W/P



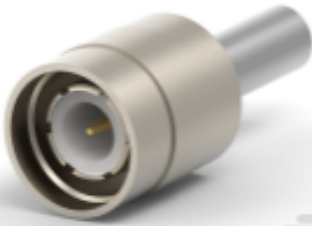
TE Part # CAT-076-TNCM50
TNC Connector: Jack, 50 Ohm



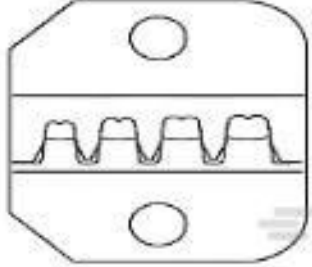
TE Part # 1057780-1
3152 1201 10,TNC FLANGE JACK



TE Part # 1057676-1
3104 7941 00



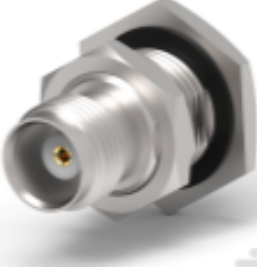
TE Part # 222506-5
CONNECTOR,PLUG,HEX CRIMP,TNC



TE Part # 91902-1
PREM SDE DIE,N SERIES RG 141



TE Part # 5332342
TWIN BNC BHD JACK TEF



TE Part # 1057679-1
3104 7985 00

Also in the Series | TNC



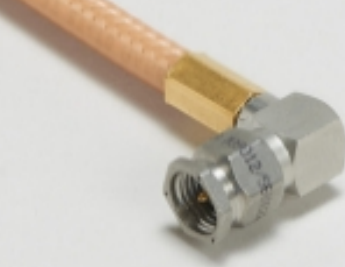
Coax Connectors(28)



Connector Adapters & Connector Savers(4)



Connector Caps & Covers(1)



RF Cable Assemblies(9)

Customers Also Bought



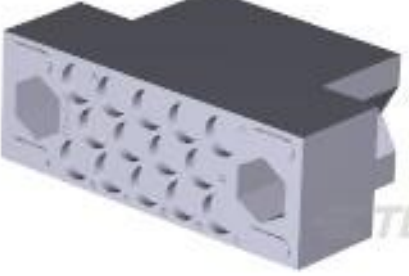
TE Part #218205-001
22759/34-18-9



TE Part #CTJ-3D-05
RAIL ASSY



TE Part #323763-000
55A1821-24-9/96-9CS2275



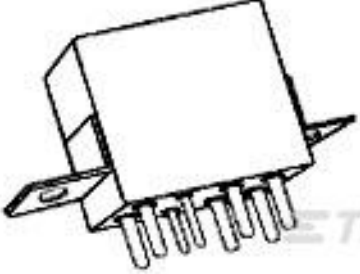
TE Part #201298-3
FEMALE BLOCK 14 POS



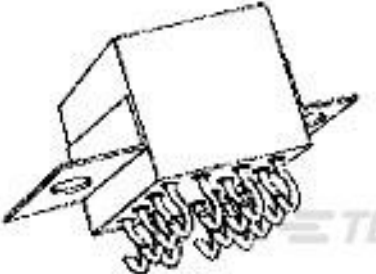
TE Part #2-1617038-8
HMB1230K01P = M39016/22-005P



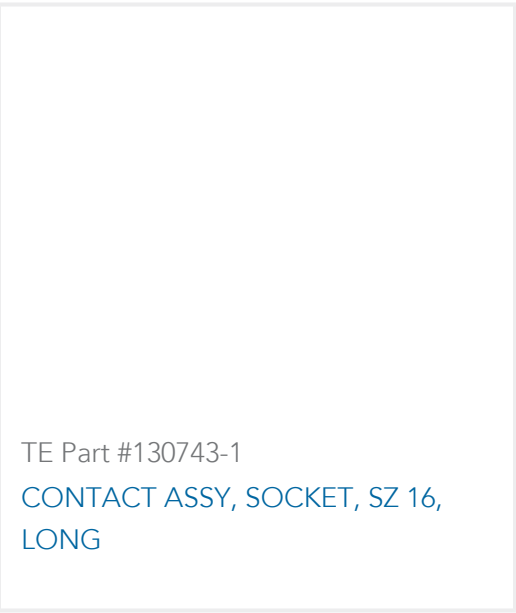
TE Part #1617754-3
FCA-410-1522M=M83536/15-022M



TE Part #4-1617758-9
FCB-205-0224L=M83536/2-024L



TE Part #6-1617760-7
FCB-405-0521M=M83536/5-021M



Documents

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