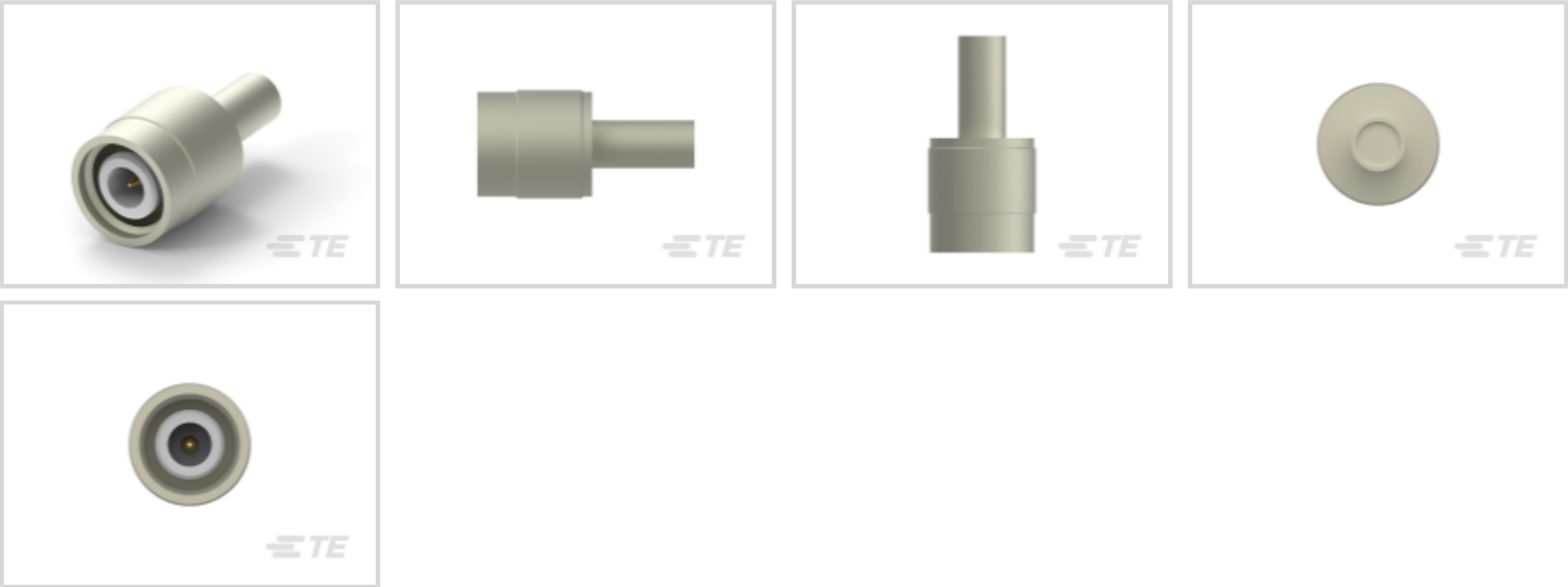




TE Internal #: 5-1814800-3
RF Connectors, TNC RF Interface, Plug, RF Connector Mated Outer
Diameter (Approximate) .64 in [16.26 mm], 50 Ω, RG 58C
Compatible With RF Cable Type
[View on TE.com >](#)

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 58C**

Features

Product Type Features

RF Interface	TNC
RF Connector Style	Plug
Compatible With RF Cable Type	RG 58C
Connector System	Cable-to-Board
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
-----------	------

Body Features

Body Shape	Circular
------------	----------



Cable Connector Orientation	Straight
Body Material	Zinc
Body Plating Material	Nickel

Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
RF Contact Captivation Method	Mechanical
Detent	Without

Dimensions

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	4 GHz
---------------------	-------

Packaging Features

Packaging Method	Single Pack
------------------	-------------

Other

Grade	Commercial
Gasket Material	Silicone Rubber
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 2021
(211)
Candidate List Declared Against: JUN 2020
(209)
SVHC > Threshold:
Pb (3.7% in Component Part)

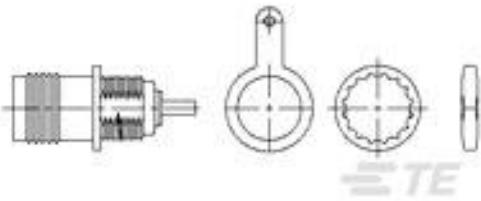
Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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 # CAT-076-TNCM50 TNC Connector: Male (Jack), 50 Ohm	 TE Part # 5413589-8 KIT,PLUG,COML BNC,HEX CRP	 TE Part # 5221199-5 JACK,75 OHM COML BNC	 TE Part # 5221185-8 PLUG,75 OHM,COMMERCIAL BNC
 TE Part # 1274568-3 PLUG KIT, STRAIGHT, MINI BNC	 TE Part # 5-1814804-1 TNC BHSkt + TAG 50Ohm Nickel Pltd	 TE Part # 5-1814804-3 TNC BHSkt + Tag 75Ohm Nickel Gold Pltd	 TE Part # 5-1814805-1 TNC Str PCB Skt 50Ohm Nickel Pltd 22.3



TE Part # 5-1814807-1
TNC Ins PCB Skt 50Ohm White MP



TE Part # 5221185-9
PLUG,75 OHM,COML BNC



TE Part # 5227818-1
TNC PCB RT ANGLE



TE Part # 5227835-1
TNC PCB VERT JACK W/POST



TE Part # 413933-1
JACK, RTANG, PCB, 50 OHM, TNC



TE Part # 5227839-1
TNC PCB RT ANGLE JACK



TE Part # 227839-1
TNC PCB RT ANGLE JACK



TE Part # 5-1814802-3
TNC RM BHJ Hex 50Ohm Nickel Pltd RG58



TE Part # 5227820-1
TNC PCB VERT



TE Part # 227765-2
TNC JACK ASS'Y



TE Part # 227820-1
TNC PCB VERT

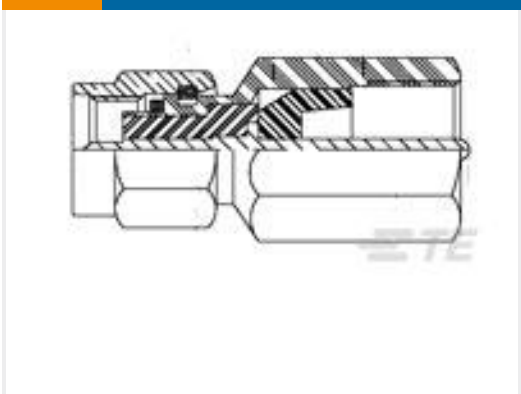


TE Part # 5227764-2
TNC SOLDER RECEPT JACK LONG

Customers Also Bought



TE Part #T4112001051-000
M12 Field Installable Unshielded



TE Part #1-1337558-0
FME Str Plg-SMAP Adp Nickel Pltd



TE Part #1-1337416-0
N Str Plg Hex 50Ohm Silver Pltd RG58C/U,



TE Part #1-1337552-0
FME Str Jk Hex Nickel Pltd RG58C/U, 141A



TE Part #1-1337567-0
ISA Str Adp BNCJ-NP Nickel Pltd



TE Part #1-1478996-6
Cable Boot Black RG174, 179, 187, 188, 3



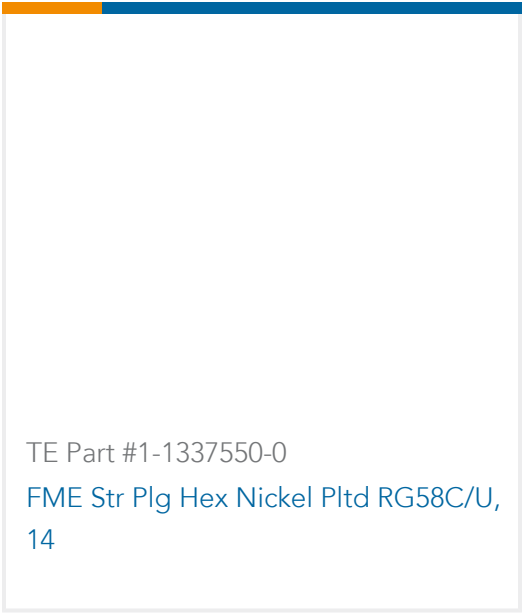
TE Part #1-1337410-0
N Str Plg Hex 50Ohm Silver Pltd PSF 1 /4M



TE Part #1-1337624-0
N Str Adp JJ 50Ohm Nickel Pltd



TE Part #1-1478041-0
BNC Str Adp JJ 75Ohm Silver Pltd



TE Part #1-1337550-0
FME Str Plg Hex Nickel Pltd RG58C/U, 14

Documents

Product Drawings

TNC Str Plg Hex 50Ohm Nickel Pltd RG58C

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-1814800-3_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-1814800-3_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-1814800-3_B.3d_stp.zip

English

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

Product Specifications

Economy RF Coaxial Connectors

English

Product Specification

English