



Connectors > RF Coax Connectors > RF Connectors



RF Interface: **N Type**

RF Connector Style: **Plug**

RF Connector Mated Outer Diameter (Approximate): **19.05 mm [.75 in]**

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 142, RG 142A, RG 142B**

Features

Product Type Features

RF Interface	N Type
RF Connector Style	Plug
Compatible With RF Cable Type	RG 142, RG 142A, RG 142B
Connector System	Cable-to-Board
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
Body Material	Brass
Body Plating Material	Silver



Contact Features

RF Connector Center Contact Underplating Material	Copper
RF Connector Contact Configuration	Not Captivated
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
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	Without

Dimensions

RF Connector Mated Outer Diameter (Approximate)	19.05 mm[.75 in]
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Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °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	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	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 # 1057341-1 3080 2240 00	 TE Part # 1057343-1 3080 2242 00	 TE Part # 1057463-1 3084 2240 00	 TE Part # 1-5225661-2 SERIES N PLUG TR
 TE Part # 1057159-1 3004 7941 00	 TE Part # 1057290-1 3052 1201 10,N SERIES FM PLUG	 TE Part # 1057293-1 3052 1648 10	 TE Part # 1057377-1 3082 2240 00,ADAPTER,N TO SMA

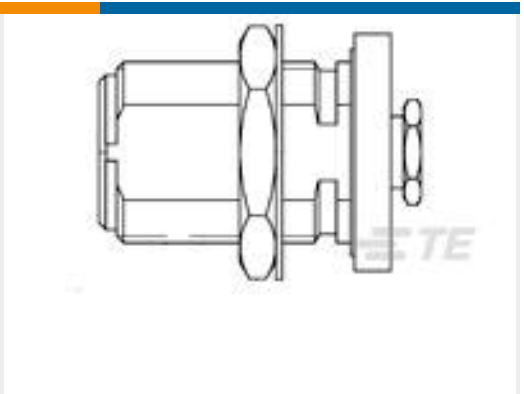




TE Part # 1058653-1
3680 2242 00



TE Part # 5225664-2
N SERIES JACK W/P TR



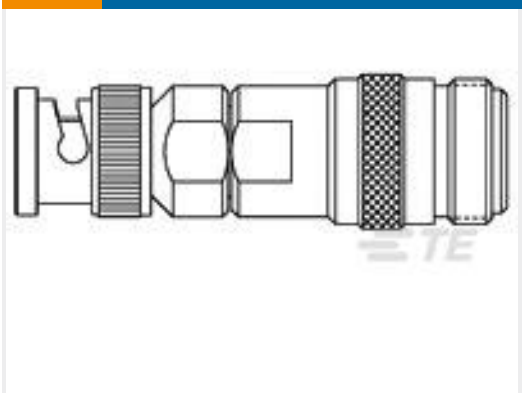
TE Part # 1057138-1
3004 7341 10



TE Part # 1058675-1
3684 2240 00



TE Part # 1-1337549-0
BNC RM BHJ Hex 75Ohm Nickel Pltd
RG179B/



TE Part # 1057392-1
3082 2321 00

Customers Also Bought



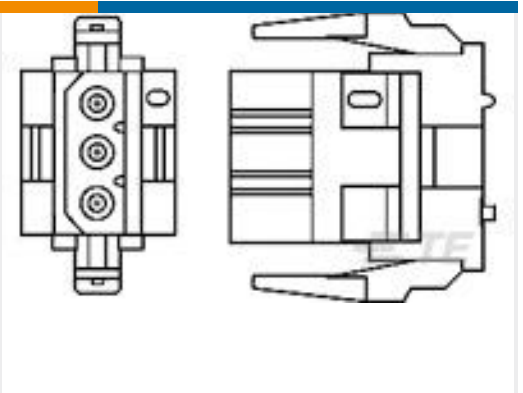
TE Part #117451-000
Bulbous Heat Shrink Boots: Lipped,
Right Angle



TE Part #207443-1
HSG RECEPT,18 POSN,SM METRIC



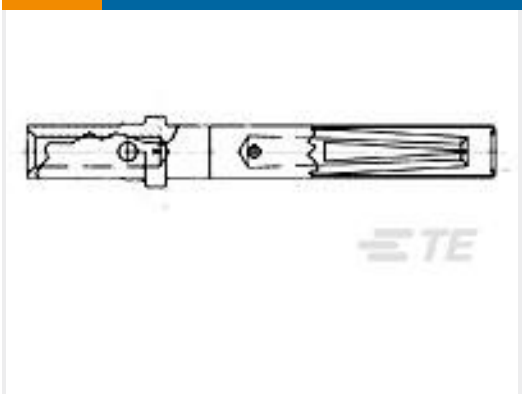
TE Part #207442-1
18 POS SQ GRID METRIMATE-PLUG



TE Part #1-640518-0
03P MR II PLUG HSG V0 RED



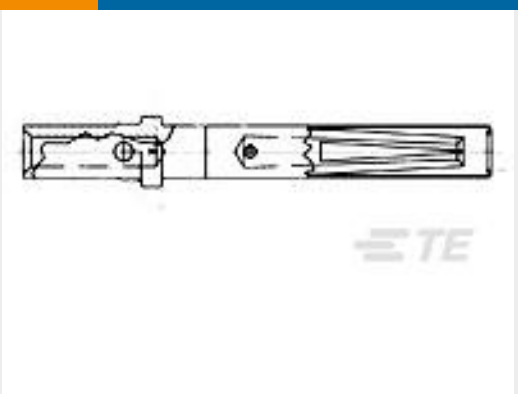
TE Part #1662-213-2031
CONT SOC ASSY



TE Part #208273-2
SKT ASSY, SZ 12



TE Part #198805-000
MTCP-116-05P2



TE Part #208270-2
SKT CONT ASSY



TE Part #1958038-1
COPALUM R 2/0AL 3/8 90 DEG



TE Part #ZPF000000000147773
CTL20

Documents



Product Drawings

SERIES N PLUG W/PROOF

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5225392-2_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5225392-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5225392-2_B.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

Connector, Coaxial, Series N

English