



TE Internal #: 1057094-1

RF Connectors, N Type RF Interface, Plug, RF Connector Mated

Outer Diameter (Approximate) .75 in [19.05 mm], 50 Ω

[View on TE.com >](#)

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 405 Semi-Rigid**

Features

Product Type Features

RF Interface	N Type
RF Connector Style	Plug
Compatible With RF Cable Type	RG 405 Semi-Rigid
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

Cable Connector Orientation	Straight
Body Material	Stainless Steel



Body Material Finish	Plated
Body Plating Material	Gold

Contact Features

RF Connector Center Contact Underplating Material	Copper, Nickel
RF Connector Contact Configuration	Not Captivated
Crimp Type	Hex
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Brass

Termination Features

Termination Method to Wire & Cable	Solder
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Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
Detent	Without

Dimensions

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

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
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Operation/Application

Operating Frequency	18 GHz
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Packaging Features

Packaging Method	Bag
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Other

Grade	Commercial
Collar Type	Knurl
Coupling Nut Base Material	Stainless Steel
Dielectric Material	TFE Fluorocarbon

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	Low Bromine/Chlorine - Br and Cl < 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 # 1057088-1
3001 7941 00



TE Part # 1057176-1
3006 7941 00



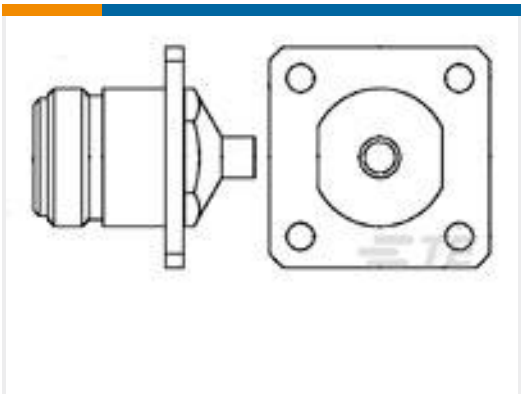
TE Part # 1057284-1
3052 0000 10



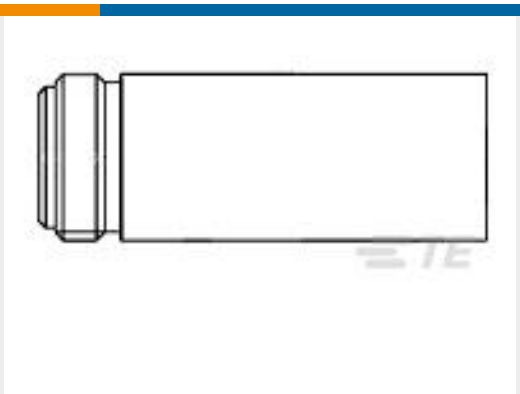
TE Part # 1058644-1
3652 1201 02



TE Part # 1057116-1
3002 7941 00



TE Part # 1057178-1
3006 7985 00



TE Part # 1057332-1
3070 1402 10

Customers Also Bought





TE Part #1050547-1
2001 5032 00



TE Part #1057343-1
3080 2242 00



TE Part #1050542-1
2001 5031 02



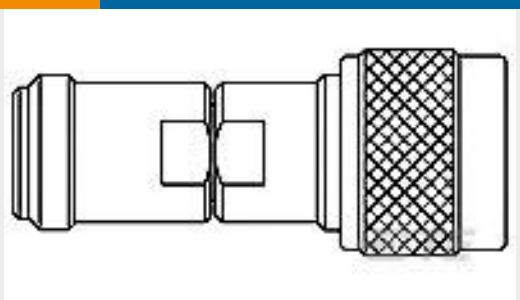
TE Part #1052982-1
2054 1231 02



TE Part #1057159-1
3004 7941 00



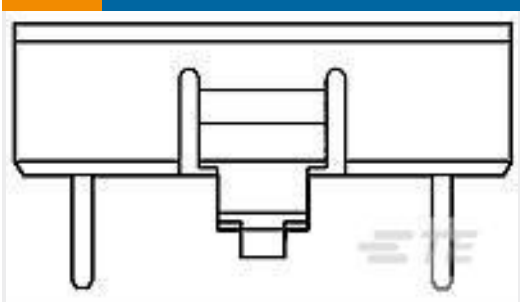
TE Part #1052643-1
2052 3358 02



TE Part #1057374-1
3082 0000 00



TE Part #YDTS26W25-35PBV001
D38999: Straight Plug, 25-35 Insert



TE Part #103680-7
10 MTE COUPLING SHRD SR



TE Part #1057165-1
3004 7985 00,OSN BULKHEAD JACK

Documents

Product Drawings

3001 7985 00

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1057094-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1057094-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1057094-1_B.3d_stp.zip

English

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

Instruction Sheets

1057094-1

RF Connectors, N Type RF Interface, Plug, RF Connector Mated Outer Diameter
(Approximate) .75 in [19.05 mm], 50 Ω



[Instruction Sheet \(U.S.\)](#)

English

[OSN Straight Cable Plug Direct Solder Attachment 1057094-1](#)

English