



TE Internal #: 1057088-1
N Type RF Interface, Plug, 50 Ω , RG 402 Semi-Rigid, Threaded, 27
GHz Operating Frequency, Cable-to-Cable, 1 Position, Sealable,
Wire & Cable
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Connectors > RF Connectors > RF Plugs & Jacks



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 402 Semi-Rigid**

Features

Product Type Features

Connector Seal Type	Gasket
RF Interface	N Type
RF Connector Style	Plug
Compatible With RF Cable Type	RG 402 Semi-Rigid
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

Cable Connector Orientation	Straight
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Body Material	Stainless Steel
Body Material Finish	Plated
Body Plating Material	Gold

Contact Features

RF Connector Center Contact Underplating Material	Copper
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 – 105 °C[-85 – 221 °F]
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Operation/Application

Operating Frequency	27 GHz
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Packaging Features

Packaging Method	Carton
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Other

Coupling Nut Base Material	Stainless Steel
Grade	Commercial
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 2023 (233) Candidate List Declared Against: JUL 2021 (219) 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 # 1057290-1
3052 1201 10,N SERIES FM PLUG




TE Part # 1057275-1
3051 0000 10

Customers Also Bought



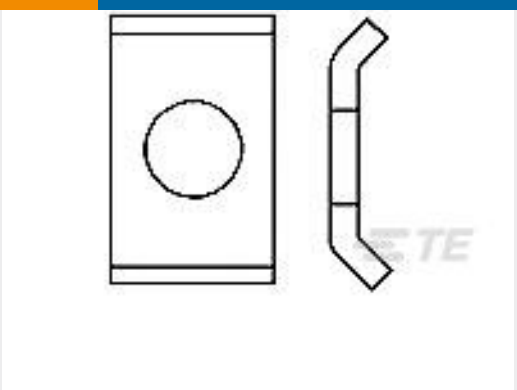
TE Part #5745781-3
09 MSFL RCPT RA 318 (IN,FM)



TE Part #320634
PIDG Ring Tongue Terminals



TE Part #205161-1
AMPLIMITE,ASY,RCPT,STD,109,1



TE Part #5206473-3
SADDLE WASHER,SPECIAL,ZN PLTD





TE Part #5227699-1
BNC PCB VERTICAL



TE Part #1050525-1
2001 5003 02,SMA CABLE PLUG



TE Part #1054869-1
2084 0000 02



TE Part #2332772-1
NanoRF PIN CONTACT, BACKPLANE 086

Documents

Product Drawings

3001 7941 00

English

CAD Files

Customer View Model

ENG_CVM_1057088-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_1057088-1_B.3d_stp.zip

English

Customer View Model

ENG_CVM_1057088-1_B.2d_dxf.zip

English

3D PDF

English

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

Instruction Sheets

Instruction Sheet (U.S.)

English