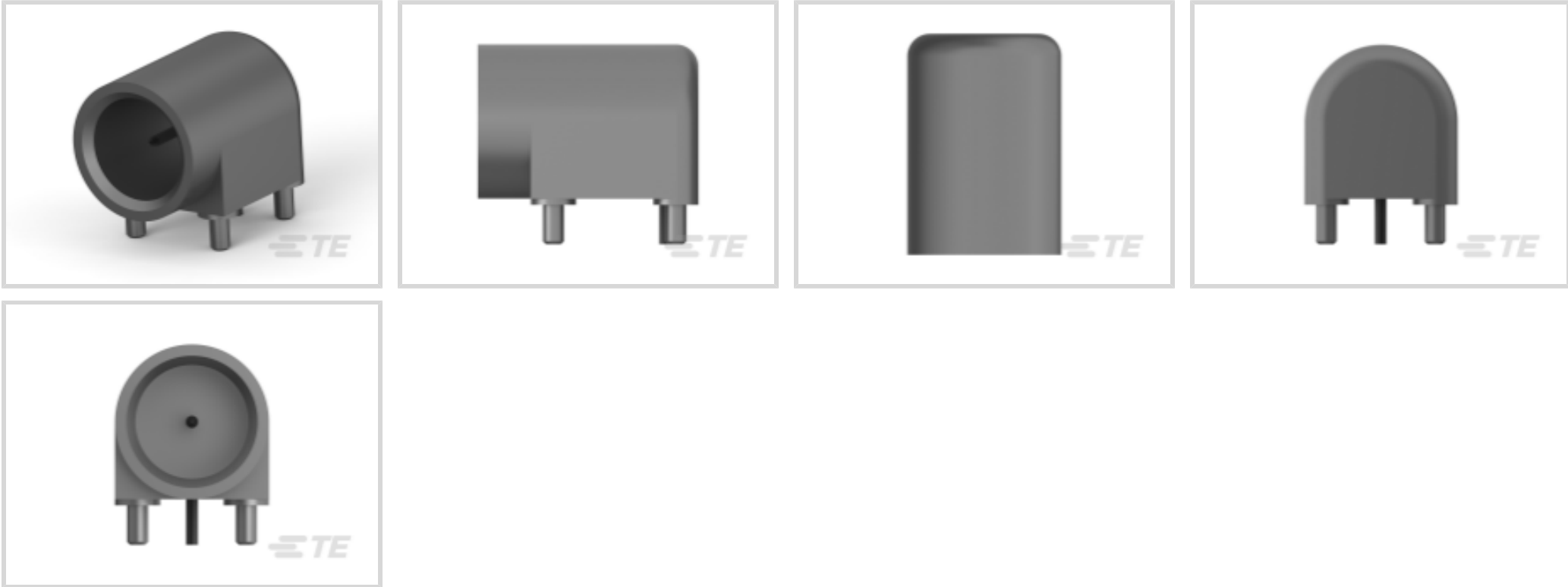




TE Internal #: 5415406-2
G Type RF Interface, Plug, 75 Ω, Push-On, 1 GHz Operating
Frequency, Cable-to-Board, 1 Position, Printed Circuit Board, Board
Mount
[View on TE.com >](#)

Connectors > RF Connectors > Coax Connectors



RF Interface: **G Type**
RF Connector Style: **Plug**
RF Connector Mated Outer Diameter (Approximate): **12.95 mm [.51 in]**
Impedance: **75 Ω**
RF Connector Coupling Mechanism: **Push-On**

Features

Product Type Features

RF Interface	G Type
RF Connector Style	Plug
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Right Angle
Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	75 Ω
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Body Features

Body Material	Zinc
Body Plating Material	Tin



Contact Features

RF Connector Center Contact Underplating Material	Nickel
RF Connector Center Contact Plating Material	Tin
RF Connector Center Contact Material	Brass

Termination Features

Termination Post & Tail Length	3.3 mm[.13 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

RF Connector Coupling Mechanism	Push-On
Connector Mounting Type	Board Mount
RF Contact Captivation Method	Mechanical
Detent	Without

Dimensions

Profile Height from PCB	13.46 mm[.53 in]
RF Connector Mated Outer Diameter (Approximate)	12.95 mm[.51 in]

Usage Conditions

Operating Temperature Range	-55 - 85 °C[-67 - 185 °F]
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Operation/Application

Operating Frequency	1 GHz
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Packaging Features

Packaging Method	Tube
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Other

Dielectric Material	Polypropylene
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240)



	Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not lead free process capable

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 # 2402670-1
G SERIES, JACK 15 AMP, PCB

Customers Also Bought



TE Part # 1060984-1
5862 5002 09, OSX PCB JACK



TE Part # 1473005-4
SEMI-HARD TRAY DDR2 SODIMM
SOCKET 200P 5



TE Part # 5106773-1
Z-PACK/A VF 110P



TE Part # 5100143-1
2MM H.M. TYPE "A" PIN ASSY.



TE Part # 292171-3
CT POST HDR ASSY 3P IN-TUBE BL

TE Part # 2-5767004-2
MICTOR RECEPT ASSY, 38 POS.

TE Part # 1-329632-2
LOCKWASHER, PLATED

TE Part # 1571563-9
FSM8JSMATR=TACT,SMT,T&R

TE Part # 223982-1
Stainless Steel Guide Pin M4x0.7

TE Part # 3-1469373-7
ATCA GUIDE MODULE RA FEMALE

Documents

Product Drawings

TEST PLUG, RTANG, PCB, G

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5415406-2_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5415406-2_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5415406-2_O.3d_stp.zip

English

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

Datasheets & Catalog Pages

F Series and G Series Connectors

English