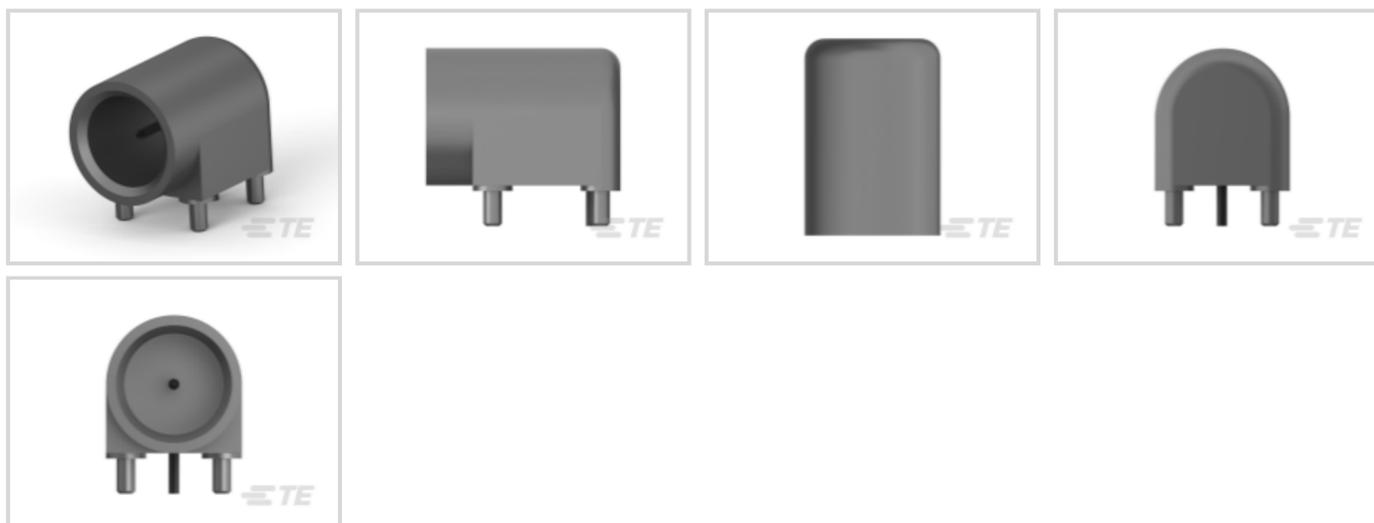




Connectors &gt; RF Connectors &gt; Coax Connectors

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

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RF Connector Center Contact Underplating Material	Nickel
RF Connector Center Contact Plating Material	Tin (Sn)
RF Connector Center Contact Material	Brass

### Termination Features

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

### 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 Range	1 GHz
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### Packaging Features

Packaging Method	Tube
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### Other

Dielectric Material	Polypropylene (PP)
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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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F < 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>

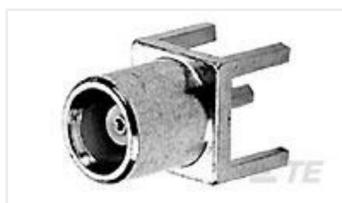
## Customers Also Bought



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



TE Part #1-329632-2  
LOCKWASHER, PLATED



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



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



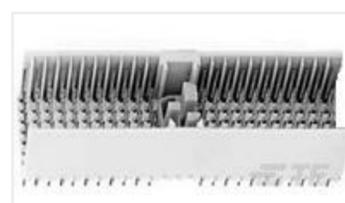
TE Part #1473005-4  
SEMI-HARD TRAY DDR2 SODIMM  
SOCKET 200P 5



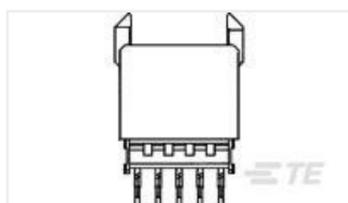
TE Part #1571563-9  
FSM8JSMATR=TACT,SMT,T&R



TE Part #6-1658012-2  
MSB0.80RC-ASY080FL,GP,10,-TR



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



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



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

## Documents



### Product Drawings

TEST PLUG, RTANG, PCB, G

English

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### 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.

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### Datasheets & Catalog Pages

F Series and G Series Connectors

English