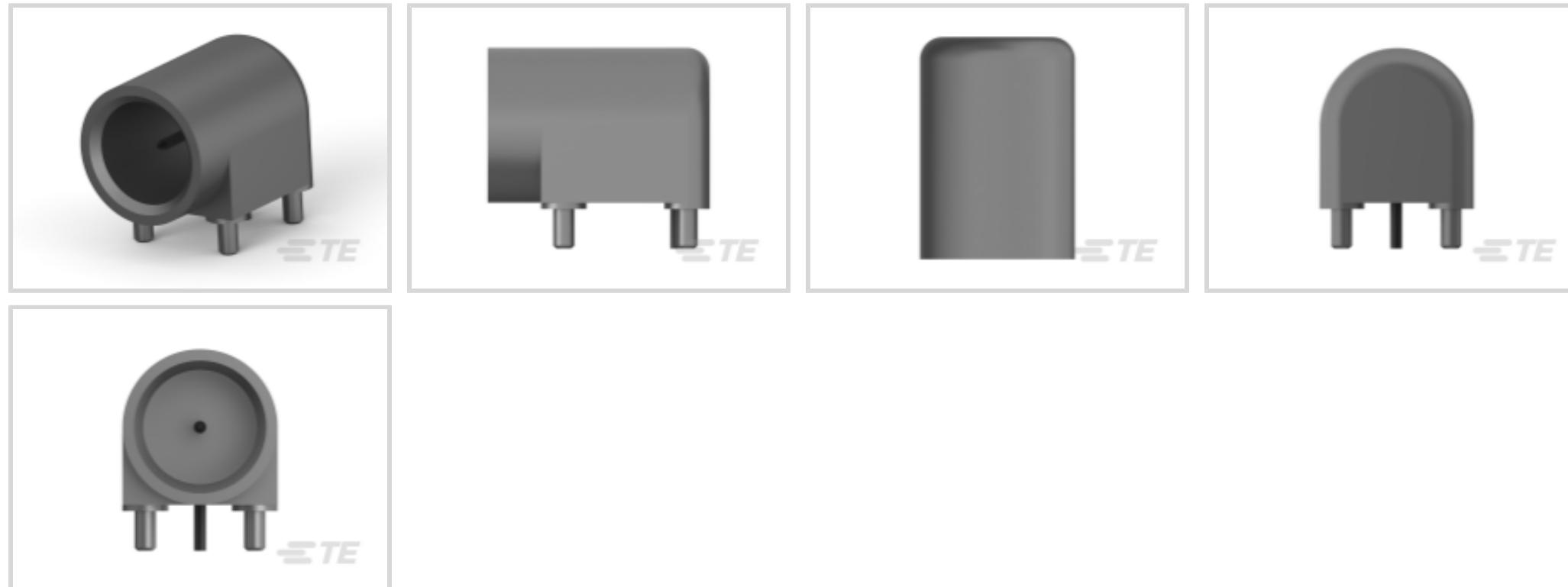


Connectors > RF Connectors > Coax Connectors

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

Termination Features

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

Contact Features

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

Configuration Features

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

Dimensions

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

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 |

Electrical Characteristics

| | |
|-----------|------|
| Impedance | 75 Ω |
|-----------|------|

Mechanical Attachment

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

Operation/Application

| | |
|---------------------|-------|
| Operating Frequency | 1 GHz |
|---------------------|-------|

Body Features

| | |
|-----------------------|------|
| Body Material | Zinc |
| Body Plating Material | Tin |

Usage Conditions

| | |
|-----------------------------|---------------------------|
| Operating Temperature Range | -55 – 85 °C[-67 – 185 °F] |
|-----------------------------|---------------------------|

Packaging Features

| | |
|------------------|------|
| Packaging Method | Tube |
|------------------|------|

Other

| | |
|---------------------|---------------|
| Dielectric Material | Polypropylene |
| EU RoHS Compliance | Compliant |
| EU ELV Compliance | Compliant |

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: JUNE 2024 (241) |

Candidate List Declared Against: JUNE

2024 (241)

Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

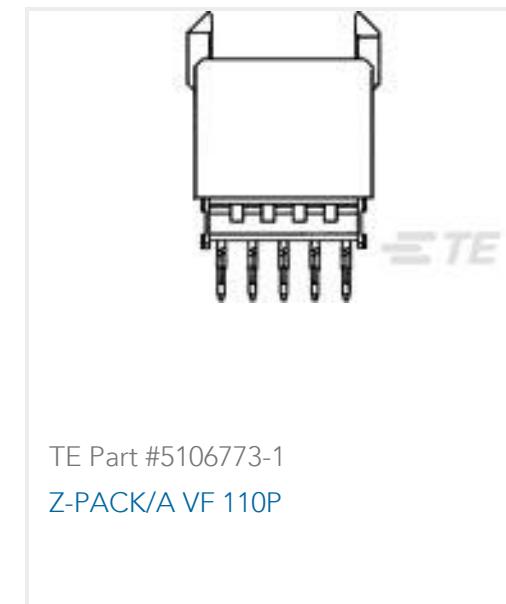
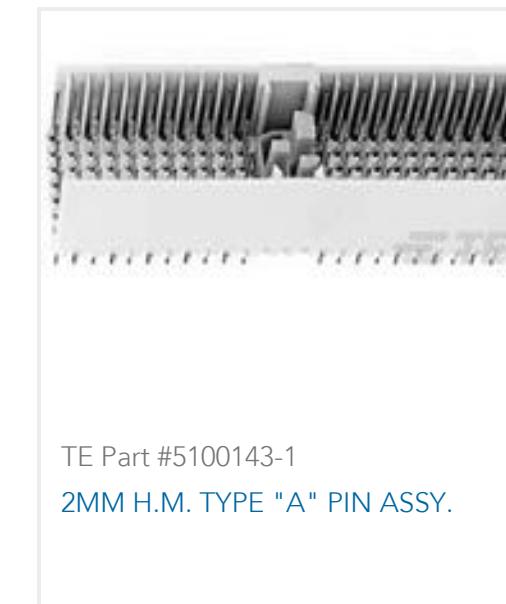
Solder Process Capability

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>

Customers Also Bought

TE Part #1060984-1
5862 5002 09, OSX PCB JACKTE Part #1473005-4
SEMI-HARD TRAY DDR2 SODIMM SOCKET 200P 5TE Part #5106773-1
Z-PACK/A VF 110PTE Part #5100143-1
2MM H.M. TYPE "A" PIN ASSY.TE Part #2-5767004-2
MICTOR RECEPT ASSY, 38 POS.TE Part #1-329632-2
LOCKWASHER, PLATEDTE Part #1571563-9
FSM8JSMATR=TACT,SMT,T&RTE Part #223982-1
Stainless Steel Guide Pin M4x0.7



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



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