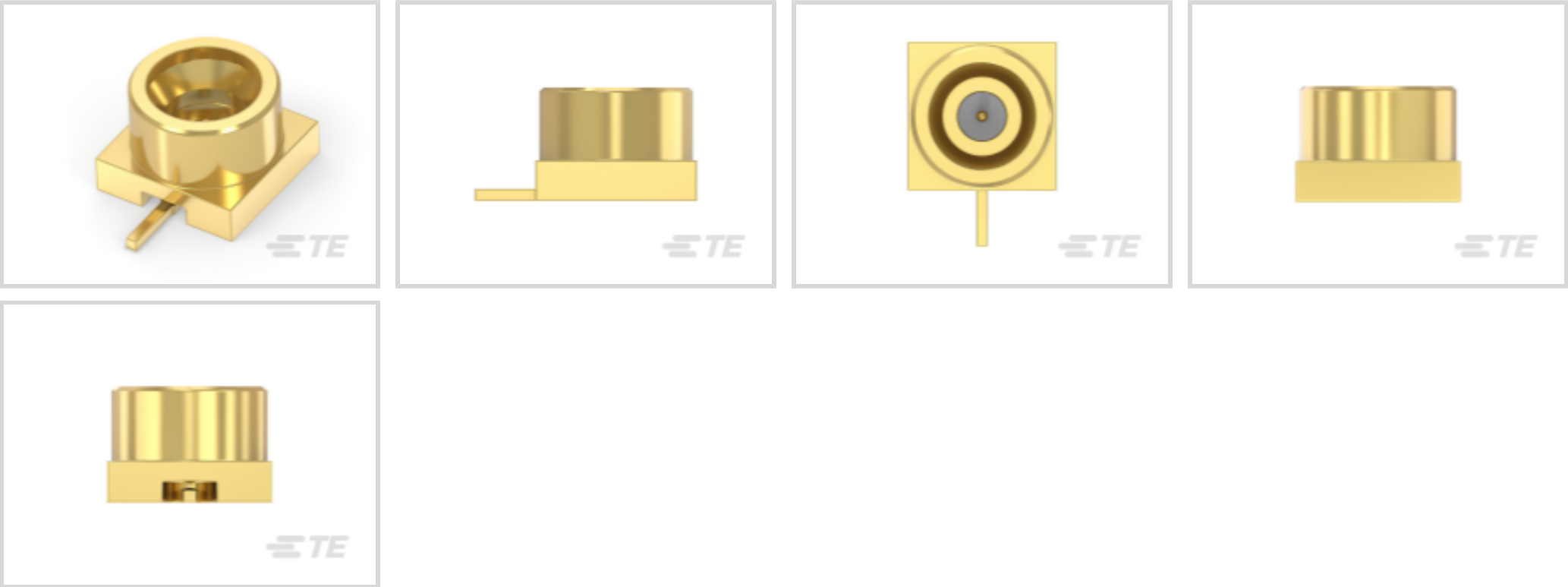




Connectors > RF Connectors > Coax Connectors



RF Interface: **SMPM**

RF Connector Style: **Receptacle**

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Push-On**

Operating Frequency: **0 – 40 GHz**

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| RF Interface | SMPM |
| RF Connector Style | Receptacle |
| Connector System | Cable-to-Board |
| Sealable | No |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|----------------------------|----------|
| PCB Mount Orientation | Vertical |
| Number of Positions | 1 |
| Number of Coaxial Contacts | 1 |

Electrical Characteristics

| | |
|-----------|------|
| Impedance | 50 Ω |
|-----------|------|

Body Features

| | |
|----------------------------|--------|
| Body Underplating Material | Nickel |
| Body Material | Brass |



| | |
|-----------------------|--------|
| Body Material Finish | Plated |
| Body Plating Material | Gold |

Contact Features

| | |
|--|------------------|
| RF Connector Center Contact Plating Material | Gold |
| RF Connector Center Contact Material | Beryllium Copper |

Termination Features

| | |
|---------------------------|---------------|
| Termination Method to PCB | Surface Mount |
|---------------------------|---------------|

Mechanical Attachment

| | |
|---------------------------------|------------|
| RF Connector Coupling Mechanism | Push-On |
| RF Contact Captivation Method | Mechanical |
| Detent | With |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 125 °C[-40 – 257 °F] |
|-----------------------------|----------------------------|

Operation/Application

| | |
|---------------------|------------|
| Circuit Application | Signal |
| Operating Frequency | 0 – 40 GHz |

Packaging Features

| | |
|------------------|------|
| Packaging Method | Tray |
|------------------|------|

Other

| | |
|---------------------|------|
| Dielectric Material | PEEK |
|---------------------|------|

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 | Not Yet Reviewed |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 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) SVHC > Threshold: Pb (4.75% 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. |



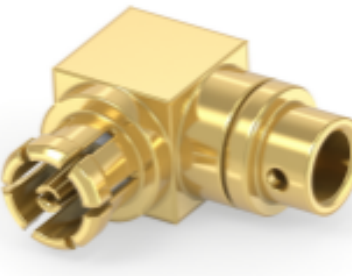
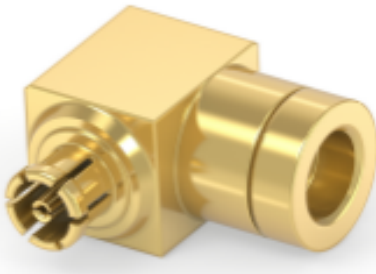
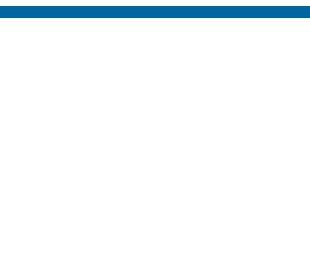
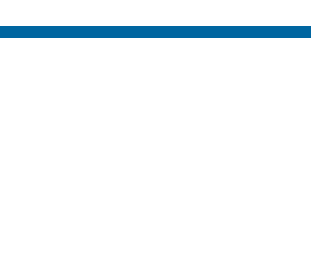
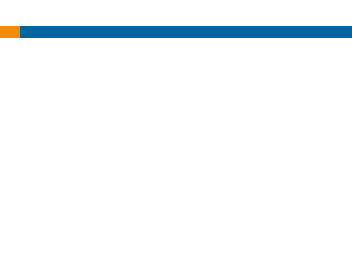


| | |
|---------------------------|--|
| Halogen Content | Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free |
| Solder Process Capability | Not reviewed for solder process capability |

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

| | | | |
|---|---|---|--|
|  <p>TE Part # 2406839-1 SMPM JACK ST FOR .034 SR CABLE</p> |  <p>TE Part # 2406845-1 SMPM JACK ST FOR TFLEX-405 CABLE</p> |  <p>TE Part # 2406860-1 SMPM JACK RA FOR PT-FLEX-047 CABLE</p> |  <p>TE Part # 2406866-1 SMPM JACK RA SOLDER FOR TFLEX-405 CABLE</p> |
|  <p>TE Part # 2406827-1 SMPM JACK ST FOR TFLEX-405 CABLE</p> |  <p>TE Part # 2406859-1 SMPM JACK ST SOLDER FOR P-FLEX-047 CABLE</p> |  <p>TE Part # 2406868-1 SMPM JACK ST FOR SLB-150-V CABLE</p> | |

Customers Also Bought

| | | | |
|---|---|--|---|
|  <p>TE Part #1879233-7 SMW5 R18 5%</p> |  <p>TE Part #3-647630-3 03P MTA100 HRD ASSY F/L LF</p> |  <p>TE Part #292303-9 Std USB Type A, R/A, SMT, Offset, Natural</p> |  <p>TE Part #CONSMA002 SMA RA Jack 50 Ohm PCB Through Hole</p> |
|---|---|--|---|





TE Part #CONSMA002-SMD-G
SMA Jack 50 Ohm PCB Surface Mount



TE Part #7-2176304-8
RP 1E 0.1W 63R4 0.1% 25PPM 5K RL



TE Part #5745392-2
HD-20 RCPT 25P RA 318 THD INS



TE Part #9-1437514-0
8134-HC-5P3LF=PB FREE HOLTITE



TE Part #6-1437514-8
8134-HC-6P2=HOLTITE CONTACT 3.



TE Part #5-1814400-2
SMA R/A PCB Skt GZD

Documents

Product Drawings

SMPM FD PLUG RA PCB MOUNT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2406841-1_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2406841-1_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2406841-1_1.3d_stp.zip

English

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

Datasheets & Catalog Pages

1307191 RF Coax Products Catalog

English

Product Specifications

Product Specification

English