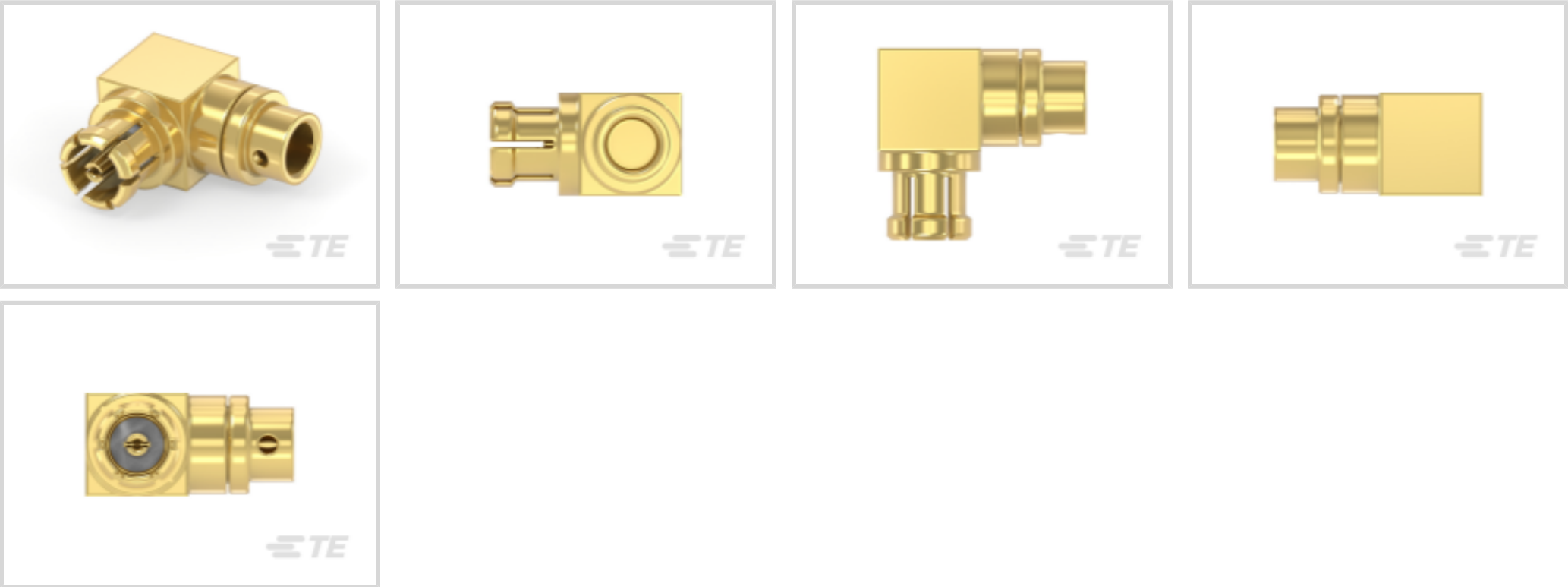




TE Internal #: 2406860-1
SMPM RF Interface, Jack, 50 ohm, .047 Semi-Rigid or Flex, Push-On, 0 – 40 GHz Operating Frequency, Cable-to-Cable, 1 Position, Wire & Cable
[View on TE.com >](#)

Connectors > RF Connectors > Coax Connectors



RF Interface: **SMPM**
RF Connector Style: **Jack**
Impedance: **50 Ω**
Compatible With RF Cable Type: **.047 Semi-Rigid or Flex**
RF Connector Coupling Mechanism: **Push-On**

Features

Product Type Features

RF Interface	SMPM
RF Connector Style	Jack
Compatible With RF Cable Type	.047 Semi-Rigid or Flex
Connector System	Cable-to-Cable
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
-----------	------

Body Features

Body Underplating Material	Nickel
Cable Connector Orientation	Right Angle



Body Material	Beryllium Copper
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 Wire & Cable	Solder
------------------------------------	--------

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	Bag
------------------	-----

Other

Dielectric Material	PTFE
---------------------	------

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 (3.15% in Component Part) Article Safe Usage Statements:



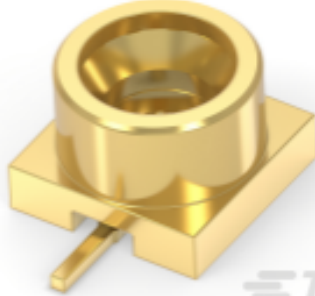
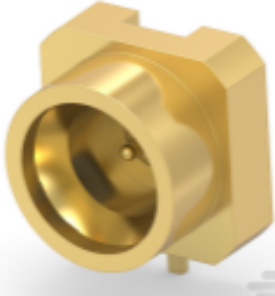
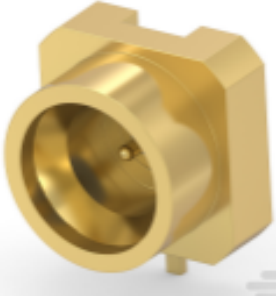
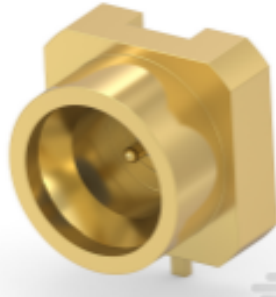
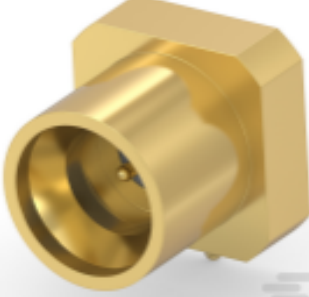
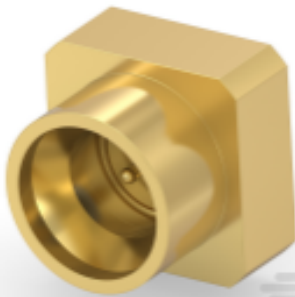
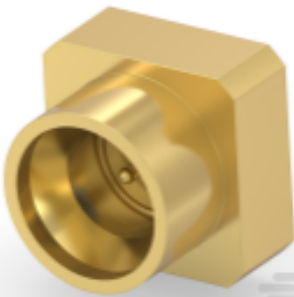
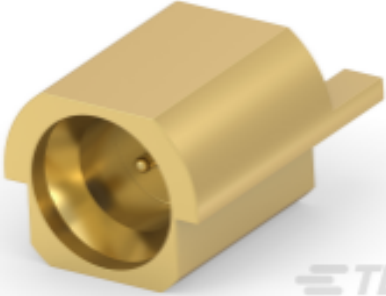
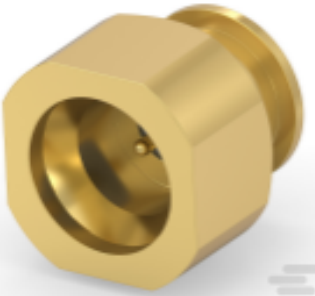
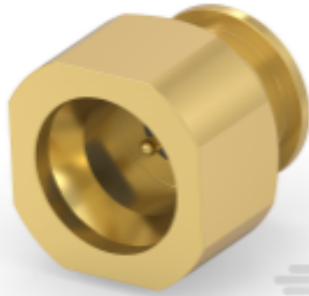
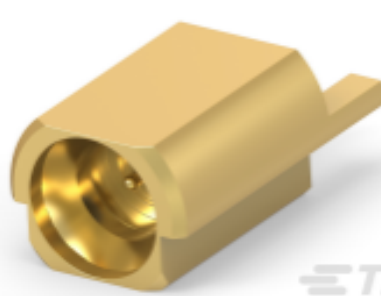
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

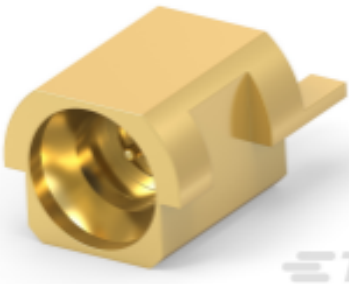
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

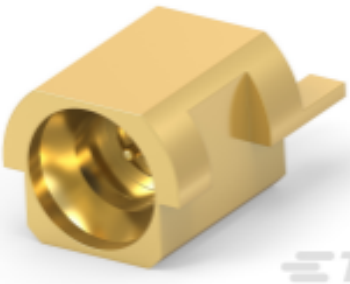
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

 TE Part # 2406840-1 SMPM FD PLUG ST FOR .034 SR CABLE	 TE Part # 2406841-1 SMPM FD PLUG RA PCB MOUNT	 TE Part # 2477154-1 SMPM M Smooth Bore SMD 40 GHz	 TE Part # 2477244-1 SMPM M Smooth Bore SMD 40 GHz
 TE Part # 2477301-1 SMPM M Full Detent SMD 40 GHz	 TE Part # 2477310-1 SMPM M Full Detent Tri-alloy SMD 40 GHz	 TE Part # 2477319-1 SMPM M Full Detent Tri-alloy SMD 40 GHz	 TE Part # 2477320-1 SMPM M Smooth Bore Tri-alloy SMD 40 GHz
 TE Part # 2477330-1 SMPM M Smooth Bore Edge Mnt 40 GHz	 TE Part # 2477334-1 SMPM M Smooth Bore SUS SMD 40 GHz	 TE Part # 2477336-1 SMPM M Full Detent SUS SMD 40 GHz	 TE Part # 2477337-1 SMPM M Full Detent Tri-alloy Edge 40 GHz



TE Part # 2477347-1
SMPM M Full Detent SUS Edge Mnt
40 GHz



TE Part # 2477357-1
SMPM M Smooth Bore SUS Edge Mnt
40 GHz



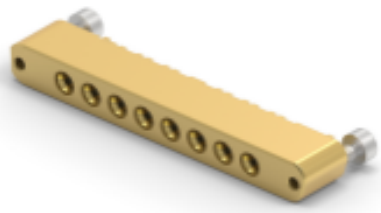
TE Part # 2477364-1
Adapter SMPM Jack to Jack 65 GHz
5.36 mm



TE Part # 2477399-1
Adapter SMPM Jack to Jack 65 GHz
5.33 mm



TE Part # 2477400-1
Adapter SMPM Jack to Jack 65 GHz
7.06 mm

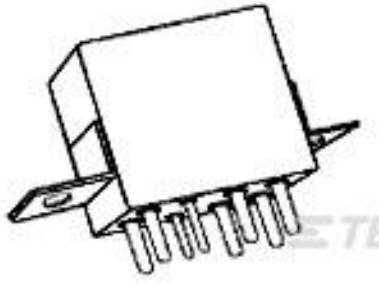


TE Part # 2081408-1
SMPM RECEPTACLE, 8 CHANNELS,
67 GHz

Customers Also Bought



TE Part #117451-000
222K121-25/225-0



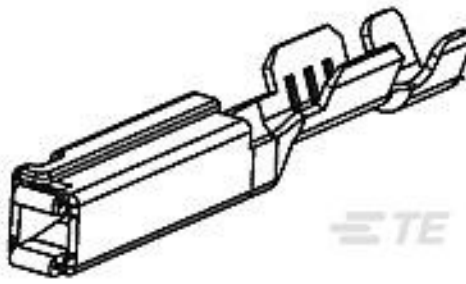
TE Part #5-1617758-0
FCB-205-0224M=M83536/2-024M



TE Part #151458
TERMINAL R T PIDG NYL AWG 22 #



TE Part #5039304024
DR-25-1/2-0-SP



TE Part #1393366-1
V23540X7000Y 21=GET-FEM TERM S



TE Part #53409-1
PIDG PVF2 22-16COMM22-18MIL 10



TE Part #323173
STRATO-THERM, HR 4 1/4 NIPL



TE Part #ZPF000000000121738
182-0860-22



TE Part #2391481-2
SDE F FEMALE 18-20 DIE SET

TE Part #605734-ZZ
CONTACT PIN SIZE 4 FOR 16mmsq
CABLE

Documents



Product Drawings

SMPM JACK RA FOR PT-FLEX-047 CABLE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2406860-1_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2406860-1_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2406860-1_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