

2406841-1  ACTIVE

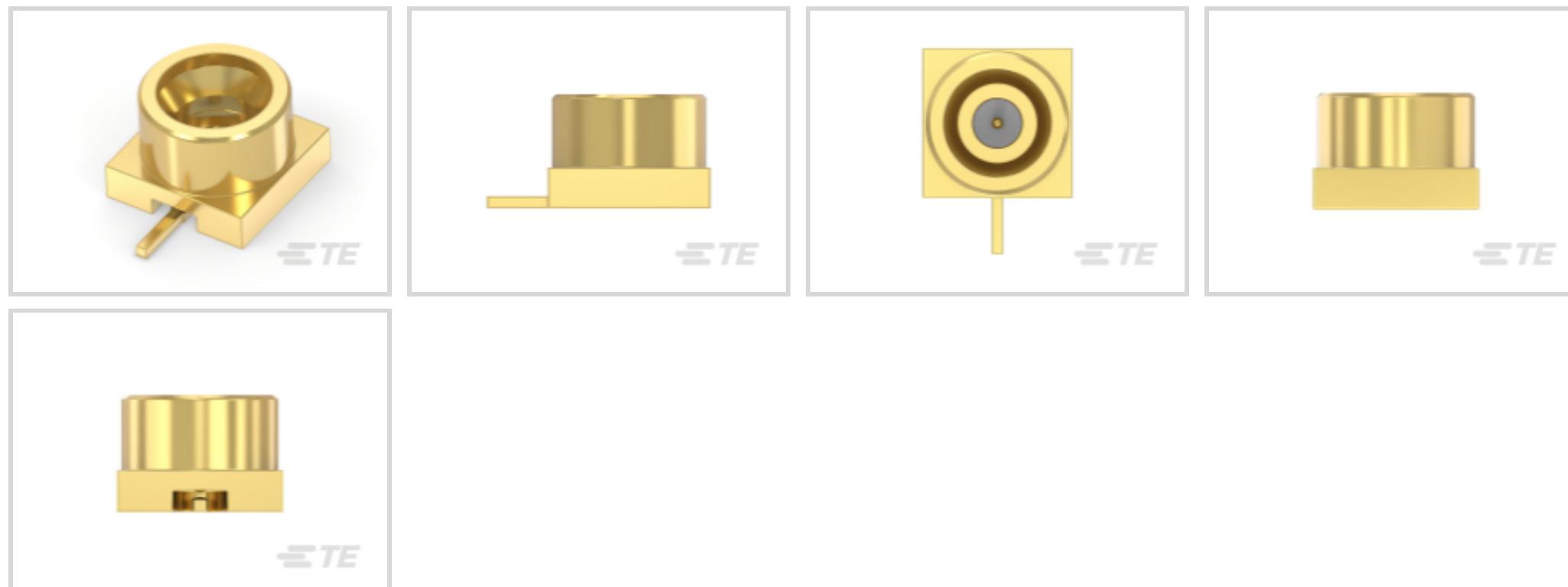
TE Internal #: 2406841-1

SMPM RF Interface, Receptacle, 50 ohm, Push-On, 0 – 40 GHz

Operating Frequency, Cable-to-Board, 1 Position, Printed Circuit Board

[View on TE.com >](#)

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



TE Part # 2406839-1
SMPM JACK ST FOR .034 SR CABLE



TE Part # 2406845-1
SMPM JACK ST FOR TFLEX-405 CABLE



TE Part # 2406860-1
SMPM JACK RA FOR PT-FLEX-047 CABLE



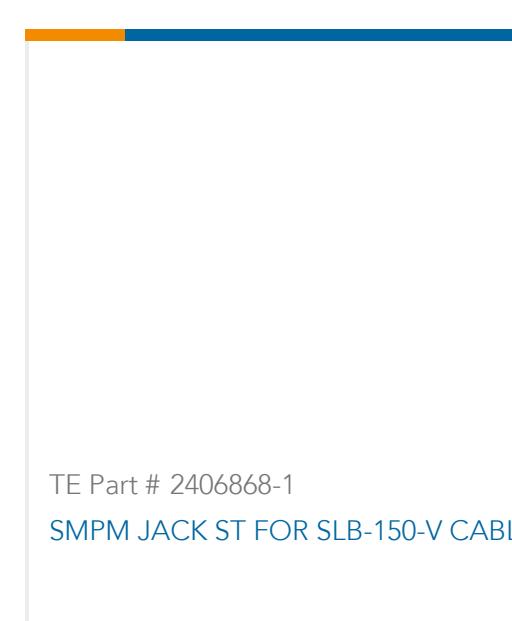
TE Part # 2406866-1
SMPM JACK RA SOLDER FOR TFLEX-405 CABLE



TE Part # 2406827-1
SMPM JACK ST FOR TFLEX-405 CABLE



TE Part # 2406859-1
SMPM JACK ST SOLDER FOR P-FLEX-047 CABLE



TE Part # 2406868-1
SMPM JACK ST FOR SLB-150-V CABLE

Customers Also Bought



TE Part #1879233-7
SMW5 R18 5%



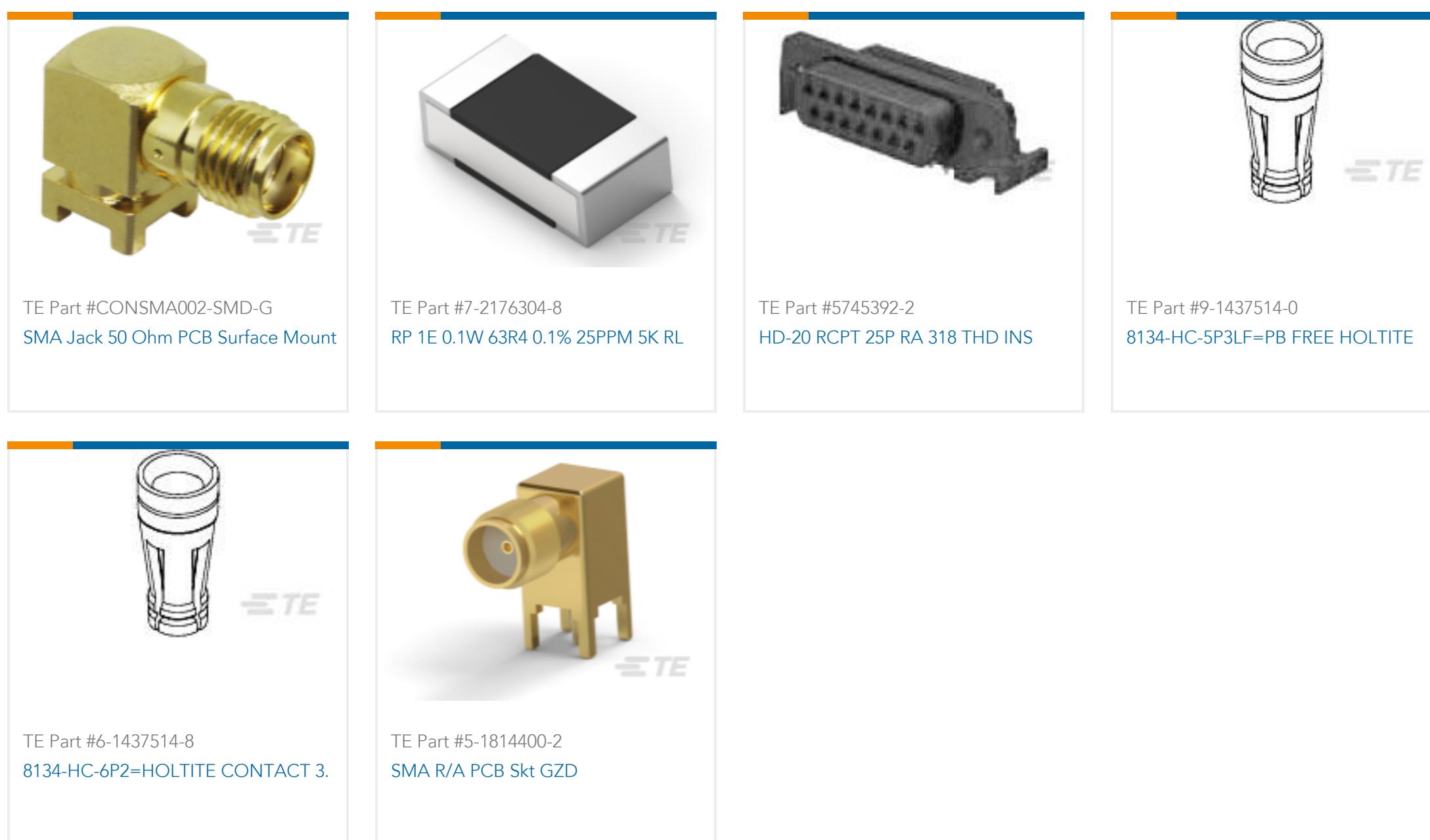
TE Part #3-647630-3
03P MTA100 HRD ASSY F/L LF



TE Part #292303-9
Std USB Type A, R/A, SMT, Offset, Natural



TE Part #CONSM002
SMA RA Jack 50 Ohm PCB Through Hole



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