

2406861-1  ACTIVE

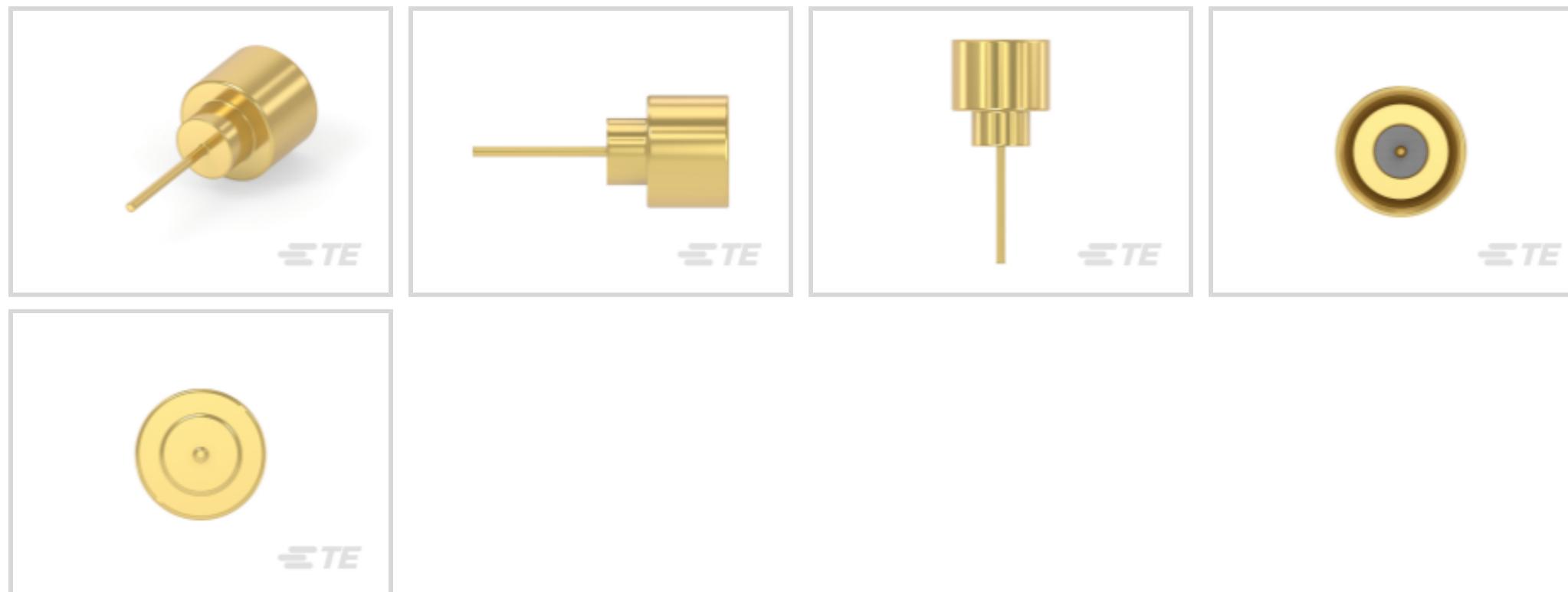
TE Internal #: 2406861-1

SMP RF Interface, Plug, 50 Ω, Push-On, 35 GHz Operating Frequency, Cable-to-Board, 1 Position, Sealable, Printed Circuit Board

[View on TE.com >](#)



Connectors > RF Connectors > Coax Connectors



RF Interface: **SMP**

RF Connector Style: **Plug**

Impedance: **50 Ω**

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

Operating Frequency: **35 GHz**

Features

Product Type Features

Connector Seal & Plug Type	Seal
RF Interface	SMP
RF Connector Style	Plug
Connector System	Cable-to-Board
Sealable	Yes
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	Kovar Alloy
Body Material Finish	Plated
Body Plating Material	Gold

Contact Features

RF Connector Center Contact Plating Material	Gold
--	------

Termination Features

Termination Method to Printed Circuit Board	Through Hole - 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

Operating Frequency	35 GHz
Circuit Application	Signal

Packaging Features

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

Other

Dielectric Material	Corning Glass 7070
---------------------	--------------------

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (4% 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 # 2406829-1
ADAPTER, SMP BULKHEAD JACK TO SMP PLUG



TE Part # 2406846-1
SMP JACK ST SOLDER FOR TFLEX-405 CABLE



TE Part # 2406847-1
SMP JACK RA FOR LMR-100A CABLE



TE Part # 2406848-1
SMP JACK FOR RG316, LMR-100A CABLE



TE Part # 2406855-1
SMP JACK ST FOR FLEX-405 CABLE



TE Part # 2406857-1
SMP JACK ST PCB MOUNT



TE Part # 2406863-1
SMP JACK ST SOLDER FOR PT-FLEX-047 CABLE



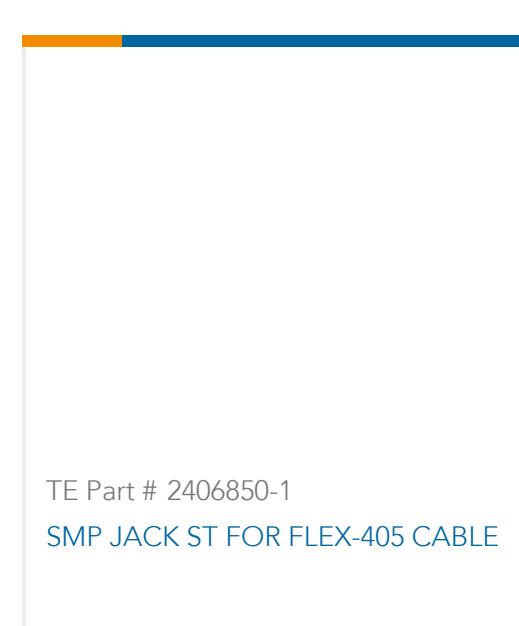
TE Part # 2406865-1
SMP JACK ST FOR TFLEX-402, .141 CABLE



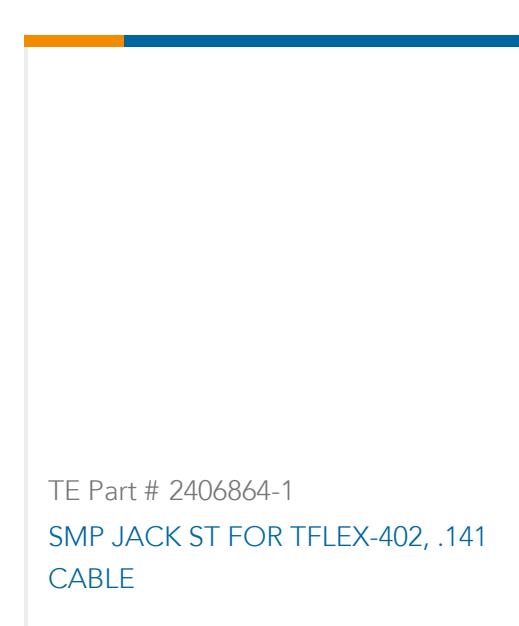
TE Part # 2406869-1
SMP JACK RA FOR TFLEX-405 CABLE



TE Part # 2406843-1
SMP JACK ST SOLDER FOR TFLEX-405 CABLE



TE Part # 2406850-1
SMP JACK ST FOR FLEX-405 CABLE



TE Part # 2406864-1
SMP JACK ST FOR TFLEX-402, .141 CABLE

Documents

Product Drawings**SMP PLUG ST SOLDER PCB LAUNCH**

English

CAD Files**3D PDF**

3D

Customer View Model

[ENG_CVM_CVM_2406861-1_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2406861-1_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2406861-1_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