



TE Internal #: 2406865-1
SMP RF Interface, Jack, 50 Ω , RG 141 Semi-Rigid, Push-On, 0 – 18
GHz Operating Frequency, Cable-to-Cable, 1 Position, Wire &
Cable
[View on TE.com >](#)

Connectors > RF Connectors > Coax Connectors



RF Interface: **SMP**
RF Connector Style: **Jack**
Impedance: **50 Ω**
Compatible With RF Cable Type: **RG 141 Semi-Rigid**
RF Connector Coupling Mechanism: **Push-On**

Features

Product Type Features

RF Interface	SMP
RF Connector Style	Jack
Compatible With RF Cable Type	RG 141 Semi-Rigid
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	Straight



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 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

Operating Frequency	0 – 18 GHz
Circuit Application	Signal

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (4% in Component Part) <small>Article Safe Usage Statements:</small>



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 # 2406828-1
ADAPTOR, SMP PLUG ST TO SMP PLUG ST




TE Part # 2406830-1
SMP PLUG RA FOR PCB SMT




TE Part # 2406842-1
SMP PLUG RA PCB MOUNT



TE Part # 2406858-1
SMP PLUG LD ST SOLDER PTSRB-085 CABLE



TE Part # 2406861-1
SMP PLUG ST SOLDER PCB LOUNCH



TE Part # 2394795-1
SMP PLUG EDGE LAUNCH PCB MOUNT

Documents

Product Drawings
SMP JACK ST FOR TFLEX-402, .141 CABLE

English

CAD Files
3D PDF
3D



Customer View Model

[ENG_CVM_CVM_2406865-1_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2406865-1_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2406865-1_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