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 >

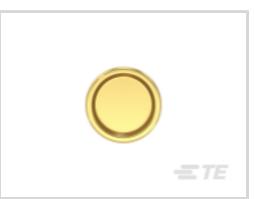


Connectors > RF Connectors > Coax Connectors











RF Interface: SMP

RF Connector Style: Jack

Impedance: 50Ω

Compatible With RF Cable Type: RG 141 Semi-Rigid

RF Connector Coupling Mechanism: Push-On

Features

Product Type Features

Troduct Type realures	
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	

Body Features

Impedance

Body Underplating Material	Nickel
Cable Connector Orientation	Straight

50 Ω



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) 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













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