



Connectors > RF Connectors > Coax Connectors



RF Interface: **SMPM**

RF Connector Style: **Jack**

Impedance: **50 Ω**

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

Operating Frequency: **0 – 40 GHz**

Features

Product Type Features

RF Interface	SMPM
RF Connector Style	Jack
Connector System	Cable-to-Cable
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Body Underplating Material	Nickel
Cable Connector Orientation	Straight
Body Material	Brass
Body Material Finish	Plated



Body Plating Material	Gold
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Contact Features

RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Wire & Cable	Solder
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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]
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Operation/Application

Operating Frequency	0 – 40 GHz
Circuit Application	Signal

Packaging Features

Packaging Method	Bag
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Other

Dielectric Material	PEEK
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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) <b>Article Safe Usage Statements:</b> 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 # 2081408-1  
SMPM RECEPTACLE, 8 CHANNELS,  
67GHZ

Customers Also Bought

TE Part #T4162123004-001  
RPC-M12-4MS-0.5SH-M12-4FS-PUR

TE Part #T4162214004-005  
RPC-M12-4MR-5.0SH-M12-4FR-PVC

TE Part #CTJ-3A-10-4021  
RAIL ASSY

TE Part #TAB62546501-020  
M12B2-MS-FS-PUR TORSION-2.0M

TE Part #CTD160E01F  
MODULE ASSY

TE Part #2406829-1  
ADAPTER, SMP BULKHEAD JACK TO  
SMP PLUG

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

TE Part #2408014-1  
SMA FEMALE ST TO SWITCH



Documents

Product Drawings

SMPM JACK ST FOR .034 SR CABLE

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2406839-1\_1.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2406839-1\_1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2406839-1\_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