2081408-1 ✔ ACTIVE

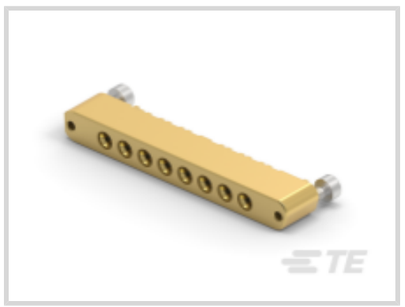
SMPM

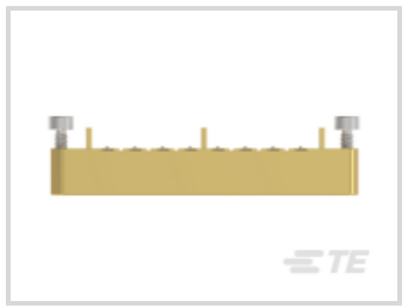
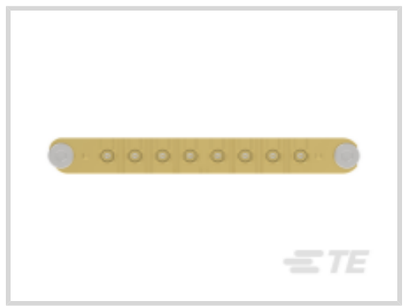
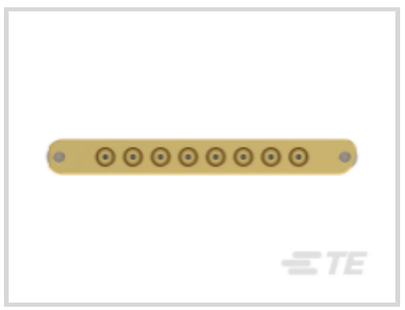
TE Internal #: 2081408-1

SMPM Connector, Jack, 50 ohm, Screw, 67 GHz, Board-to-Component, 8 Position, Printed Circuit Board, DIN Rail, -45 – 125 °C [-49 – 257 °F], SMPM

View on TE.com >

Connectors > RF Connectors > Coax Connectors



RF Interface: **SMPM**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **2.6 mm [.102 in]**

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Screw**

Features

Product Type Features

Connector Seal & Plug Type	Dummy Plug
Connector Product Type	Connector Assembly
RF Interface	SMPM
RF Connector Style	Jack
Connector System	Board-to-Component
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	8
Number of Coaxial Contacts	8

Electrical Characteristics

Impedance	50 Ω

Body Features

Body Underplating Material	Copper
Body Material	Brass
Body Material Finish	Plated
Body Plating Material	Gold

Contact Features

RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to PCB	Through Hole - Screw
Termination Post & Tail Length	3 mm[.118 in]

Mechanical Attachment

RF Connector Coupling Mechanism	Screw
Connector Mounting Type	DIN Rail
RF Contact Captivation Method	Mechanical
Detent	With

Housing Features

Body Orientation	Straight

Dimensions

Profile Height from PCB	6.8 mm[.27 in]
RF Connector Mated Outer Diameter (Approximate)	2.6 mm[.102 in]

Usage Conditions

Operating Temperature Range	-45 – 125 °C[-49 – 257 °F]

Operation/Application

Circuit Application	Power, Signal & High Speed Data
Operating Frequency Range	67 GHz

Packaging Features

Packaging Method	Bag & Box

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	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
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 # 1-2016689-0
40GHz,SMPM TO 2.92,M-M,L1000



TE Part # 2016676-2
67GHz,8 IN 1,SMPM TO 1.85,M-M,L200



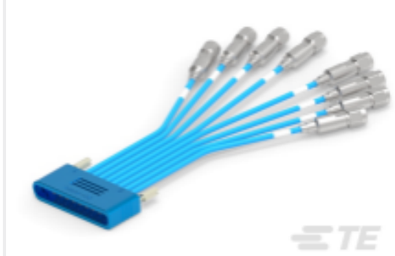
TE Part # 2016676-8
67GHz,8 IN 1,SMPM TO 1.85,M-M,L800



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



TE Part # 2016676-3
67GHZ,8IN1,SMPM TO 1.85,M-M,L305



TE Part # 2016742-8
40GHz,8 IN 1,SMPM TO 2.92,M-M,L800



TE Part # 2016676-6
67GHz,8 IN 1,SMPM TO 1.85,M-M,L610



TE Part # 2016676-9
67GHz,8 IN 1,SMPM TO 1.85,M-M,L910



TE Part # 2016689-2
40GHz,SMPM TO 2.92,M-M,L254



TE Part # 2016676-1
67GHz,8 IN 1,SMPM TO 1.85,M-M,L100



TE Part # 2016689-6
40GHz,SMPM TO 2.92,M-M,L610



TE Part # 2016742-3
40GHZ,8IN1,SMPM TO 2.92,M-M,L305



TE Part # 2016689-1
40GHz,SMPM TO 2.92,M-M,L127



TE Part # 2016689-3
40GHZ,SMPM TO 2.92,M-M,L300



TE Part # 2016742-5
40GHz,8 IN 1,SMPM TO 2.92,M-M,L500



TE Part # 1-2016689-2
40GHz,SMPM TO 2.92,M-M,L1200



TE Part # 2016742-4
40GHz,8 IN 1,SMPM TO 2.92,M-M,L400



TE Part # 2016742-2
40GHz,8 IN 1,SMPM TO 2.92,M-M,L200



TE Part # 2016676-5
67GHz,8 IN 1,SMPM TO 1.85,M-M,L500

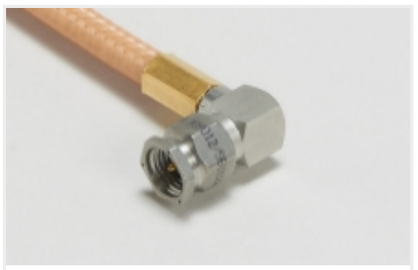


TE Part # 2-2016689-0
40GHz,SMPM TO 2.92,M-M,L2000

Also in the Series | SMPM



Coax Connectors(35)



RF Cable Assemblies(5)

Customers Also Bought



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #DT04-2P
REC, 2P, GRY, N



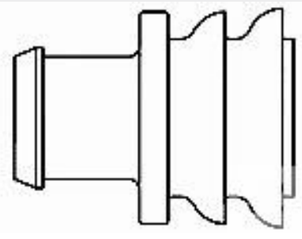
TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #CAT-D48-ST273
DEUTSCH Connector Solid Contacts



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

Documents

Product Drawings

SMPM RECEPTACLE,8CHANNELS,67GHZ

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2081408-1_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2081408-1_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2081408-1_1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Product Specification

English