CONSMA017-1 ✔ ACTIVE

TE Internal #: CONSMA017-1

SMA RF Interface, Jack, 50 Ω, Threaded, 27 GHz Operating Frequency, 1 Position, Printed Circuit Board, Panel Mount, -65 – 165 °C [-85 – 329 °F]

View on TE.com >

Connectors > RF Connectors > Coax Connectors



RF Interface: **SMA**

RF Connector Style: **Jack**

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Threaded**

Operating Frequency: **27 GHz**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Jack
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω

Body Features

Cable Connector Orientation	Straight
Body Material	Stainless Steel
Body Material Finish	Passivated

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

Panel Mount Feature Type	Square Flange
RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	Without

Usage Conditions

Operating Temperature Range	-65 – 165 °C[-85 – 329 °F]

Operation/Application

Circuit Application	Signal
Operating Frequency	27 GHz

Packaging Features

Packaging Quantity	100
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: JAN 2024 (240) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # L9000274-01
SMA Plug 50 Ohm .031 PCB Edge Mount

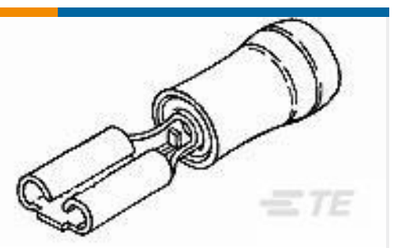
Customers Also Bought



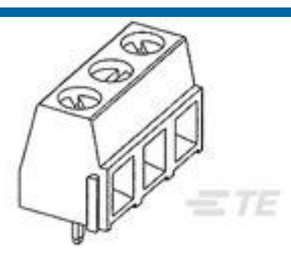
TE Part #T4111002041-000
M12,MALE,STRAIGHT,A CODE,4P, PG9,GOLD



TE Part #5747840-4
HD-20 PLUG RA .318 FMS BD-LK 4



TE Part #165566-1
110 PIDG FASTON REC



TE Part #282836-2
TERMI-BLOK PCB MOUNT 90 2P.



TE Part #1-2176177-7
CRGH0603 1% 3K3 0.2W



TE Part #YDTS26W19-35PAC001
PLUG ASSY



TE Part #5-2176243-2
CRGS0603 5% 18K

TE Part #DTM-04-4-P
CONNECTEUR

TE Part #ESB001M02310001000
615 PLUG

Documents

Product Drawings

SMA Jack 50 Ohm Panel Mount

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_CONSMA017-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_CONSMA017-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_CONSMA017-1_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

SMA FEMALE FLANGE MOUNT 0-80 UNF-2B THREADS

English

Standard vs. Reverse Polarity (RP) SMA Connectors

English

The FCC Road Part 15 From Concept to Approval

English

RF Coaxial Connector Gender Naming

English

RF 101 Information for the RF Challenged

English