



TE Internal #: L9000271-01
SMA RF Interface, Jack, 50 ohm, Threaded, 0 – 18 GHz Operating Frequency, 1 Position, Printed Circuit Board, Board Mount, -65 – 165 °C [-85 – 329 °F]
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Connectors > RF Connectors > Coax Connectors



RF Interface: **SMA**
RF Connector Style: **Jack**
Impedance: **50 Ω**
RF Connector Coupling Mechanism: **Threaded**
Operating Frequency: **0 – 18 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

PCB Mount Orientation	Edge
Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

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

Contact Features

RF Connector Center Contact Plating Material	Gold
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RF Connector Center Contact Material	Beryllium Copper
Termination Features	
Termination Method to Wire & Cable	Solder
Mechanical Attachment	
RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Board 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	0 – 18 GHz
Packaging Features	
Packaging Quantity	50
Packaging Method	Bulk
Other	
Lockwasher Material	Brass
Dielectric Material	PTFE
Product Compliance	
For compliance documentation, visit the product page on TE.com>	
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 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 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



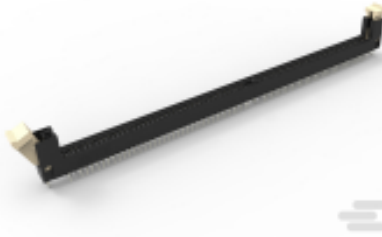
TE Part #5745781-6

09 MSFL RCPT RA 318 (SL,FM)



TE Part #440053-2

2.5MM,HDR,2POS,R/A



TE Part #2199155-1

DDR4 DIMM 288 Pin SMT type



TE Part #1059684-1

OSP/BMA PRINTED CIRCUIT BOARD PLUG RECPT



TE Part #2-2013022-1

EMBOSS TAPE DDR3 204P 4H STD



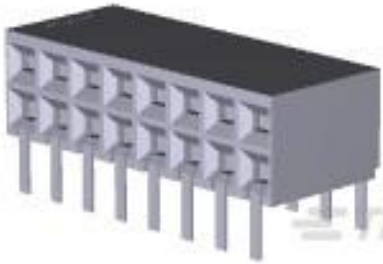
TE Part #2-1926739-5

AssyMinipak Hdl25s10pRARecptSc



TE Part #1059566-1

4551 1352 02



TE Part #1-535512-8

16 MODII HORZ DR CE EESS .100



TE Part #ANT-W63-MSA-TH1
Antenna WiFi6/6E Metal Stamp THM

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_L9000271-01_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_L9000271-01_A.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_L9000271-01_A.2d_dxf.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

SMA FEMALE EDGE MULTI-MOUNT FOR 0.031INCH THICK BOARD

English