CONSMA020.042-G ✔ ACTIVE

TE Internal #: L9000278-01

SMA Connector, Jack, 50 ohm, Threaded, 18 GHz, Cable-to-Board, 1 Position, Printed Circuit Board, Board Mount, Brass, Gold, 1 Coaxial Contacts

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: **18 GHz**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Jack
Connector System	Cable-to-Board
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

Body Material	Brass
Body Plating Material	Gold

Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Board Mount

Operation/Application

Circuit Application	Signal
Operating Frequency	18 GHz

Other

Dielectric Material	Polytetrafluoroethylene (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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

Compatible Parts

TE Part # CONSMA007-R178
SMA Plug 50 Ohm Cable Crimp

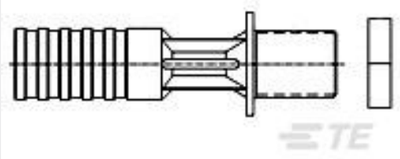
TE Part # CONSMA007-R58
SMA Plug 50 Ohm Cable Crimp

TE Part # CONSMA007-G
SMA Plug 50 Ohm Cable Crimp

TE Part # CONSMA007
SMA Plug 50 Ohm Cable Crimp

Customers Also Bought

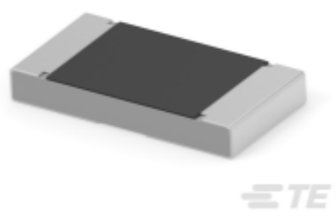
TE Part #2467938-1
RF TERMINATOR SMA PLUG 18 GHZ 2W GOLD



TE Part #863350-2
CSL RECEPTACLE ASS'Y

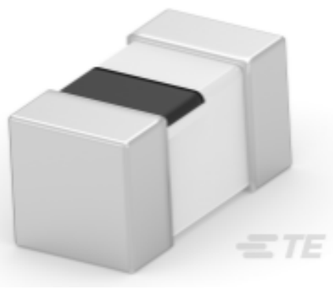
TE Part #1879073-1
THS10 R05 5%

TE Part #5227699-3
BNC PCB VERTICAL



TE Part #2-2176527-6
3503G 2B 1K0 1% 5K RL

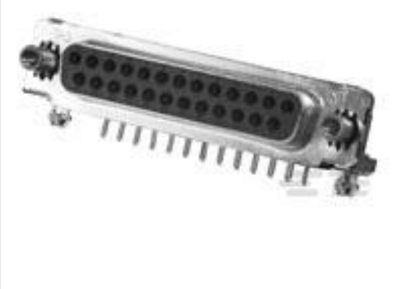
TE Part #1SNG613004R0000
EM-EMC2-M16-MET-B



TE Part #2176737-1
3655 0402 1N0 +/- 0.3nH T&R

TE Part #L9000277-01
SMA Jack 50 Ohm .031 PCB Edge Mount

TE Part #1622937-1
CRG0603 1% 3K3



TE Part #747844-6
09 MSFL RCPT RA 318 (SL,FM,BL)

Documents

Product Drawings

SMA Jack 50 Ohm .042 PCB Edge Mount

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_L9000278-01_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_L9000278-01_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_L9000278-01_A.3d_stp.zip

English

Datasheets & Catalog Pages

SMA Jack PCB Edge-Mount Connector

English