1-1478979-0 ✔ ACTIVE

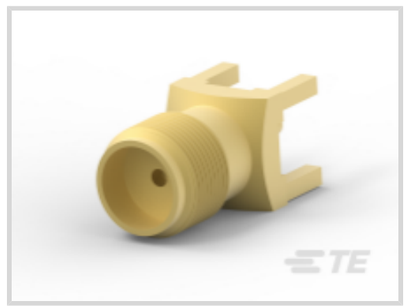
AMP | SMA

TE Internal #: 1-1478979-0

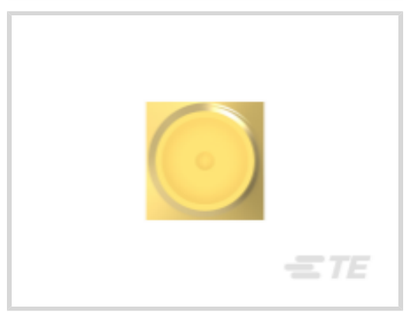
SMA RF Interface, Receptacle, 50 ohm, Threaded, 26 GHz Operating Frequency, Cable-to-Board, 1 Position, Printed Circuit Board, Board Mount, SMA

View on TE.com >

Connectors > RF Connectors > Coax Connectors







RF Interface: **SMA**

RF Connector Style: **Receptacle**

RF Connector Mated Outer Diameter (Approximate): **6.35 mm [.25 in]**

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Threaded**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Receptacle
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

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

Electrical Characteristics

Impedance	50 Ω

Body Features

Body Material	Stainless Steel

Body Material Finish	Plated
Body Plating Material	Gold

Contact Features

RF Connector Center Contact Underplating Material	Copper
RF Connector Contact Configuration	Not Captivated
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Post & Tail Length	3.5 mm[.137 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Board Mount
Detent	Without

Dimensions

Profile Height from PCB	9.5 mm[.37 in]
Product Length	13 mm[.512 in]
RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]

Usage Conditions

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

Operation/Application

Operating Frequency	26 GHz

Packaging Features

Packaging Quantity	100
Packaging Method	Bag

Other

Grade	Professional
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	Compliant with Exemptions
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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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	Wave solder capable to 265°C

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 # 1-1478916-0
SMA STR PLG C/CRMP RG174 GSS

TE Part # 1-1478904-0
SMA STR PLG DS RG405 GSS

TE Part # 1-1478908-0
SMA STR PLG S/CLMP RG174 GSS

TE Part # 1-1478923-0
SMA R/A PLG S/CRMP RG58 GSS

TE Part # 1-1478924-0
SMA R/A PLG S/CRMP RG174 GSS

TE Part # 1-1478903-0
SMA STR PLG DS RG402 GSS

TE Part # 1-1478907-0
SMA STR PLG S/CLMP RG58 GSS

TE Part # 1-1478912-0
SMA R/A PLG S/CLMP RG174 GSS

TE Part # 1-1478915-0
SMA STR PLG C/CRMP RG58 GSS

TE Part # 2-1478908-0
SMA STR PLG S/CLMP RG174 PSS

TE Part # 2-1478921-0
SMA STR PLG M/CRMP RG55 PSS

TE Part # 2-1478922-0
SMA STR PLG M/CRMP RD316 PSS

Also in the Series | SMA

Battery Holders(1)

Coax Connectors(65)

Connector Adapters & Connector Savers(8)

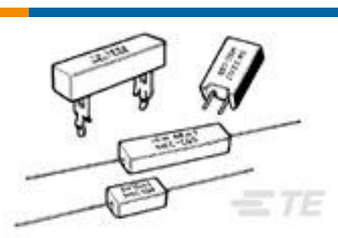
Connector Caps & Covers(3)

Connector Hardware(2)

Connector Strain Relief(1)

RF Cable Assemblies(2)

Customers Also Bought



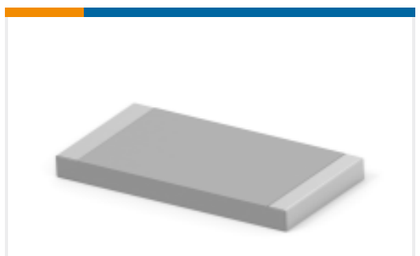
TE Part #1-1623782-2
SQM5 470R 5% (METAL FILM)

TE Part #3-88179-4
012 HOUSING FFC RCPT DR 100CL

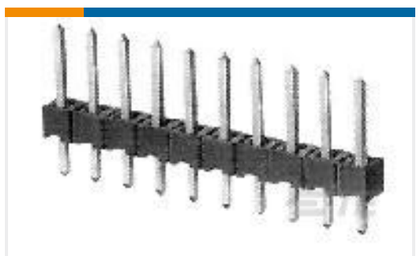
TE Part #1676150-2
RN 0805 10K2 0.1% 10PPM 1KRL

TE Part #1676407-2
RN 0805 681R 0.1% 10PPM 1KRL

TE Part #1-1623776-6
MPC5 500R 5%



TE Part #4-2176331-2
CRGP 2512 27K 1%



TE Part #826646-6
6P AMPMODU II STIFT LEI

TE Part #4-1768701-9
LBC-18004

TE Part #LBT3400LS
MOUNT,TKG,3/4

Documents

Product Drawings

SMA STR PCB SKT GSS

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-1478979-0_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1478979-0_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1478979-0_B.3d_stp.zip

English