1-1478966-0 ✔ ACTIVE

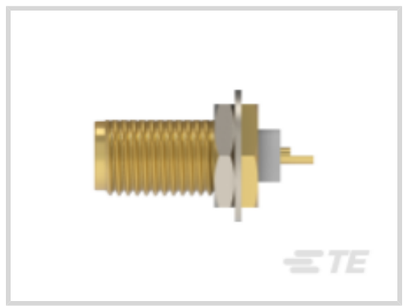
AMP | SMA

TE Internal #: 1-1478966-0

SMA Connector, Jack, 50 ohm, Threaded, 27 GHz, Cable-to-Panel, 1 Position, Panel Mount, -65 – 165 °C [-85 – 329 °F], Solder Terminal, Straight, SMA

View on TE.com >

Connectors > RF Connectors > Coax Connectors




RF Interface: **SMA**

RF Connector Style: **Jack**

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	Jack
Connector System	Cable-to-Panel
Sealable	No

Configuration Features

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

Termination Features

Termination Method to Wire & Cable	Solder Terminal

Mechanical Attachment

Panel Attachment Style	Rear Mount
RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Solder
Detent	Without

Housing Features

Body Orientation	Straight

Dimensions

Panel Thickness (Recommended)	3.2 mm[.126 in]
Product Length	17 mm[.669 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 Range	27 GHz

Packaging Features

Packaging Quantity	100
Packaging Method	Box

Other

Grade	Professional
Lockwasher Material	Mild Steel
Dielectric Material	Polytetrafluoroethylene (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 2025 (250) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Pb (.35% in Component Part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 # 1-1478924-0
SMA R/A PLG S/CRMP RG174 GSS



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



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



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



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



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



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



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

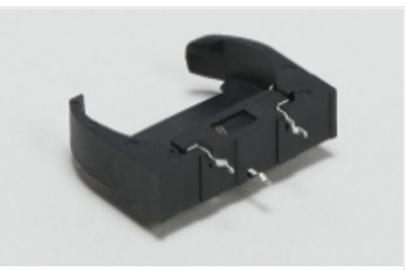


TE Part # 2-1478921-0
SMA STR PLG M/CRMP RG55 PSS



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

Also in the Series | SMA



Battery Holders(1)



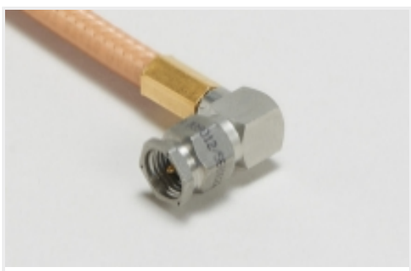
Connector Adapters & Connector Savers(8)



Connector Caps & Covers(3)



Connector Strain Relief(1)

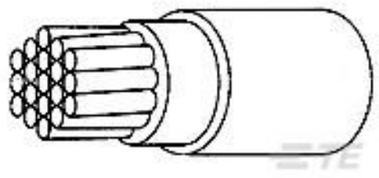


RF Cable Assemblies(119)

Customers Also Bought



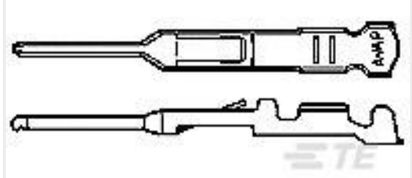
TE Part #AS108-98PN
RECEPT.CABLE COUP.TYPE 1



TE Part #0160793001
99M0111-22-2L



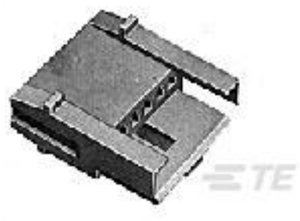
TE Part #5053912011
RNF-100-3/16-5-STK



TE Part #170429-1
EIS REC CONT 26-20 AWG BR TN



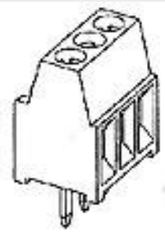
TE Part #172211-3
EIS CAP HSG FREE HANG 3P NATUTURAL



TE Part #172211-5
EIS CAP HSG FREE HANG 5P NATUTURAL



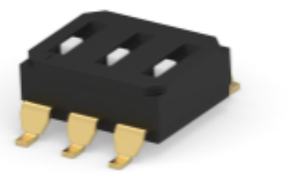
TE Part #1-172211-0
10P CAP HSG F/H EI S CONN.



TE Part #282834-7
TERMI-BLOK PCB MOUNT, 90 7P.



TE Part #1-1337469-0
TNC BHSkt + Tag 50Ohm Silver Pltd



TE Part #4-2319848-5
END STACK DIP 3P G RECESS T&R

Documents

Product Drawings

SMA B/HD SKT RCPT GSS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1478966-0_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1478966-0_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1478966-0_A.3d_stp.zip

English

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Product Specifications

Product Specification

English