



AMP SMA

TE Internal #: 1-1478966-0

AMP SMA, RF Connectors, SMA RF Interface, Receptacle, RF Connector Mated Outer Diameter (Approximate) .25 in [6.35 mm], 50 Ω, Threaded

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Connectors > RF Coax Connectors > RF 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-Panel
Sealable	No

Configuration Features

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	Stainless Steel
Body Material Finish	Plated



Body Plating Material	Gold
Contact Features	
RF Connector Center Contact Underplating Material	Copper
RF Connector Contact Configuration	Captivated Contacts
RF Connector Center Contact Plating Material	Gold
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
Dimensions	
Flats Dimension	8.0 A/F
Panel Cutout	6.4 x 6.0 D Shape
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	26 GHz
Packaging Features	
Packaging Quantity	100
Packaging Method	Box
Other	
Flange & Thread Material	Stainless Steel
Grade	Professional
Lockwasher Plating Material	Gold



Lockwasher Material	Mild Steel
Mounting Nut Material	Stainless Steel
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: JAN 2021 (211) Candidate List Declared Against: JUL 2019 (201) SVHC > Threshold: Not Yet Reviewed
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 # 1-1478903-0
SMA STR PLG DS RG402 GSS

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

TE Part # 1-1478908-0
SMA STR PLG S/CLMP RG174 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 # 2-1478907-0
SMA STR PLG S/CLMP RG58 PSS

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

TE Part # 2-1478912-0
SMA R/A PLG S/CLMP RG174 PSS

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

TE Part # 2-1478923-0
SMA R/A PLG S/CRMP RG58 PSS

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

Also in the Series | AMP SMA

Battery Holders(1)

Between Series Adapters(3)

Coax Contacts(1)

Coax Terminators(1)

In-Series Adapters(35)

Rack & Panel Ferrules & Inserts(1)

RF Cable Assemblies(2)

RF Connector Hardware(2)



RF Connector Launchers(13)



RF Connector Shrouds(10)

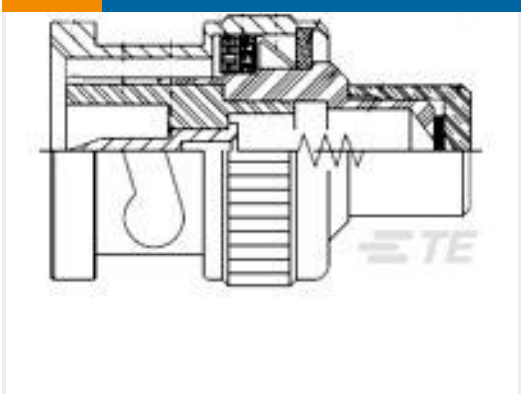


RF Connectors(527)

Customers Also Bought



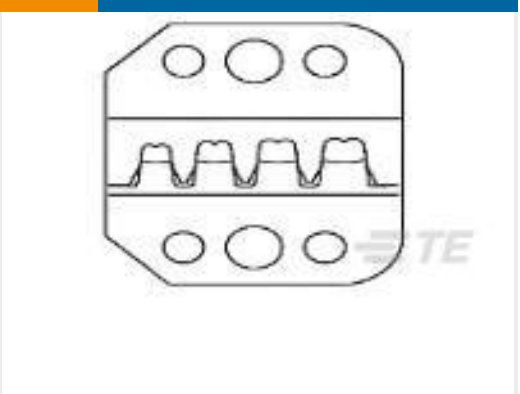
TE Part #1-1393793-3
AXICOM D2N SENSITIVE



TE Part #1-1337463-0
BNC Plg Term 50Ohm Silver Pltd



TE Part #1-1478963-0
SMA PNL SKT RCPT, 2/FLNG GSS



TE Part #90759-2
PROCRIMP DIE MINI UNIV MNL



TE Part #1-1393561-9
V42254A 112V 9=SUB D SCHRAUBE



TE Part #1-1625875-9
CBT 1/4 5% 220R



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



TE Part #1-1814655-5
SIP IC Skt 20 SSR Sn/Au FLH RoHS



TE Part #1-1337567-0
ISA Str Adp BNCJ-NP Nickel Pltd



TE Part #1-1478046-0
BNC BH Adp JJ 50Ohm Silver Plt

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

1-1478966-0

AMP SMA, RF Connectors, SMA RF Interface, Receptacle, RF Connector Mated Outer Diameter (Approximate) .25 in [6.35 mm], 50 Ω, Threaded



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

Product Environmental Compliance

[TE Material Declaration](#)

English