



AMP SMA

TE Internal #: 1-1478979-0

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

Body Material	Stainless Steel
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Body Material Finish	Plated
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Body Plating Material	Gold
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Contact Features

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

Termination Post & Tail Length	3.5 mm[.137 in]
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Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

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

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

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

Operating Frequency	26 GHz
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Packaging Features

Packaging Quantity	100
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Packaging Method	Bag
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Other

Grade	Professional
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Dielectric Material	PTFE
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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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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

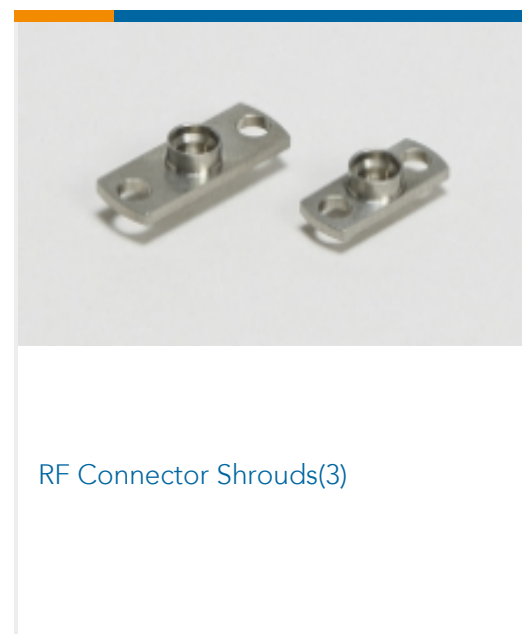
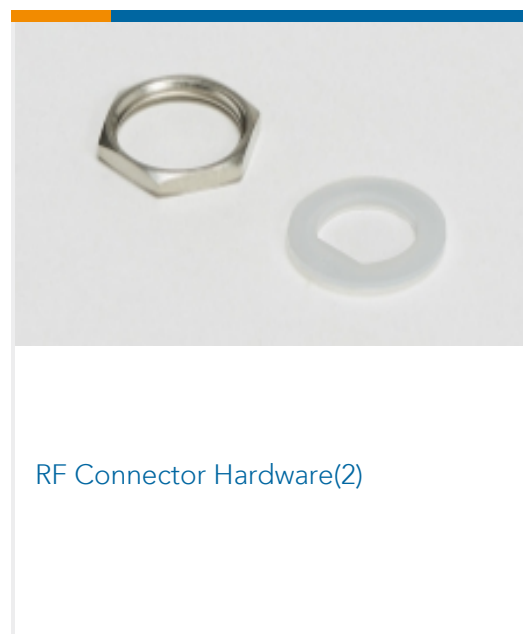
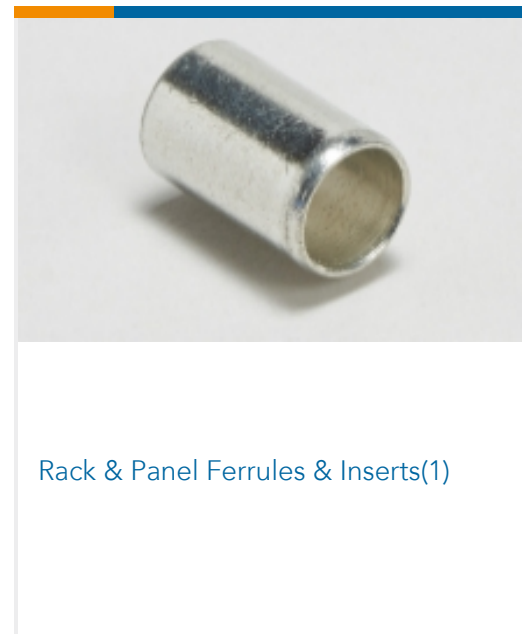
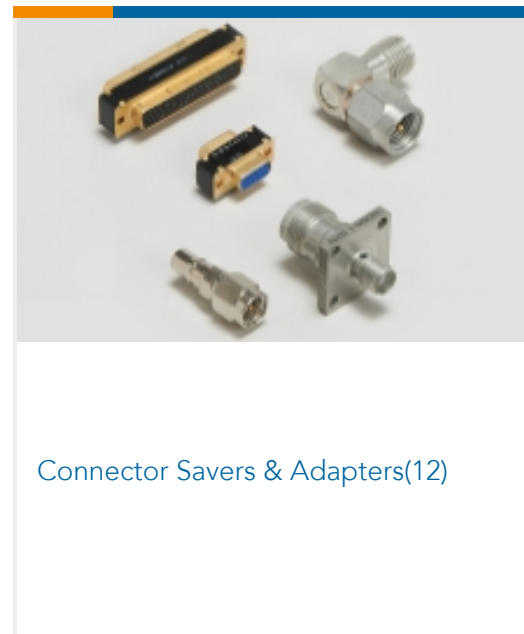
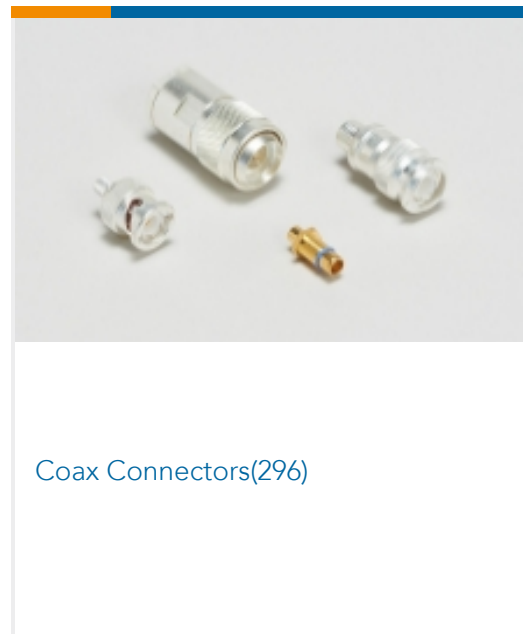
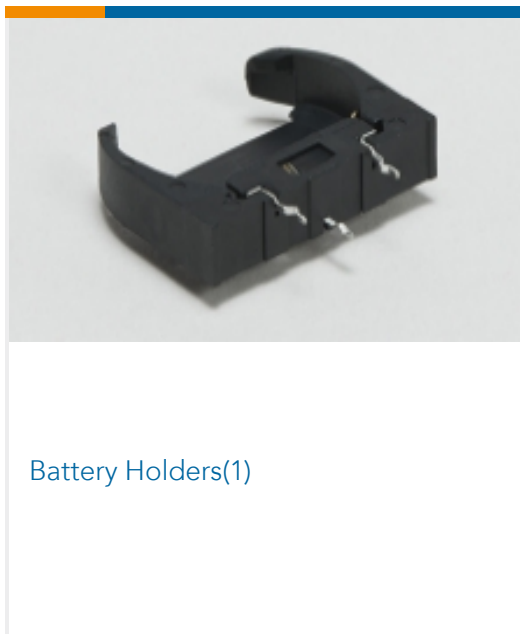
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

 <p>TE Part # 1-1478916-0 SMA STR PLG C/CRMP RG174 GSS</p>	 <p>TE Part # 1-1478904-0 SMA STR PLG DS RG405 GSS</p>	 <p>TE Part # 1-1478923-0 SMA R/A PLG S/CRMP RG58 GSS</p>	 <p>TE Part # 1-1478924-0 SMA R/A PLG S/CRMP RG174 GSS</p>
 <p>TE Part # 1-1478903-0 SMA STR PLG DS RG402 GSS</p>	 <p>TE Part # 1-1478907-0 SMA STR PLG S/CLMP RG58 GSS</p>	 <p>TE Part # 1-1478908-0 SMA STR PLG S/CLMP RG174 GSS</p>	 <p>TE Part # 1-1478912-0 SMA R/A PLG S/CLMP RG174 GSS</p>



Also in the Series | AMP SMA



Customers Also Bought



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

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Product Environmental Compliance

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English

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English