



AMP SMA

TE Internal #: 2081156-1

SMA RF Interface, Jack, Screw, Cable-to-Cable, 1 Position, Wire & Cable, Panel Mount, Crimp, Straight, Brass, Plated, Gold, Mechanical, Gold, AMP SMA

[View on TE.com >](#)

Connectors > RF Connectors > Coax Connectors



RF Interface: **SMA**

RF Connector Style: **Jack**

RF Connector Coupling Mechanism: **Screw**

Connector System: **Cable-to-Cable**

Number of Positions: **1**

Features

Product Type Features

RF Interface	SMA
RF Connector Style	Jack
Connector System	Cable-to-Cable
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

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

Body Features

Body Underplating Material	Nickel
Cable Connector Orientation	Straight
Body Material	Brass
Body Material Finish	Plated



Body Plating Material	Gold
-----------------------	------

Contact Features

RF Connector Center Contact Underplating Material	Nickel
---	--------

RF Connector Center Contact Plating Material	Gold
--	------

RF Connector Center Contact Material	Beryllium Copper
--------------------------------------	------------------

Termination Features

Termination Method to Printed Circuit Board	Surface Mount
---	---------------

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

Mechanical Attachment

RF Connector Coupling Mechanism	Screw
---------------------------------	-------

Connector Mounting Type	Panel Mount
-------------------------	-------------

RF Contact Captivation Method	Mechanical
-------------------------------	------------

Detent	Without
--------	---------

Other

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	<p>Current ECHA Candidate List: JUNE 2023 (235)</p> <p>Candidate List Declared Against: JUL 2021 (219)</p> <p>SVHC > Threshold:</p> <p>Pb (3.7% in COMPONENT PART)</p>
--	---

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 Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
-----------------	---

Solder Process Capability	Reflow solder capable to 245°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>

Also in the Series | AMP SMA



Battery Holders(1)



Coax Connectors(296)



Connector Savers & Adapters(12)



Rack & Panel Ferrules & Inserts(1)



RF Cable Assemblies(2)



RF Connector Hardware(2)



RF Connector Launchers(8)

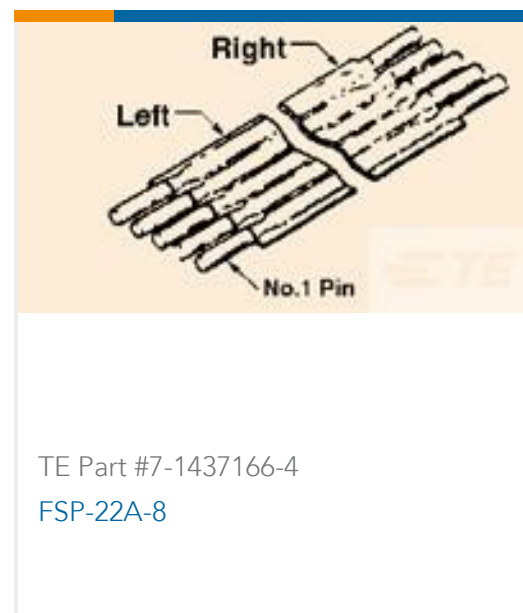


RF Connector Shrouds(3)



RF Terminators(1)

Customers Also Bought



Documents

Product Drawings

SMA Jack S/T RF CONN, PIP

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2081156-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2081156-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2081156-1_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages



SMA Connectors

English

Product Specifications

Product Specification

English