# 1045507-1 ✓ ACTIVE

#### **AMP SSMA**

TE Internal #: 1045507-1

RF Connectors, SSMA RF Interface, Plug, 50  $\Omega$ , RG 178 / RG 196, Threaded, 18 GHz Operating Frequency, 1 Position, Sealable, Wire

& Cable, AMP SSMA

View on TE.com >



Connectors > RF Coax Connectors > RF Connectors



RF Interface: SSMA

RF Connector Style: Plug

RF Connector Mated Outer Diameter (Approximate): 7.24 mm [ .285 in ]

Impedance:  $50 \Omega$ 

Compatible With RF Cable Type: RG 178, RG 196

# **Features**

### **Product Type Features**

Connector Product Type	Connector Assembly
RF Interface	SSMA
RF Connector Style	Plug
Compatible With RF Cable Type	RG 178, RG 196
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector Seal Type	Interfacial Seal
Configuration Features	
Number of Positions	1
Number of Coaxial Contacts	1

#### **Electrical Characteristics**

Impedance	50 Ω	

# **Body Features**

Cable Connector Orientation	Right Angle
Body Material	Stainless Steel
Body Material Finish	Plated
Body Plating Material	Gold

### **Contact Features**



RF Connector Center Contact Underplating Material	Copper
Ferrule Plating Material	Gold
Ferrule Material	Copper Alloy
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Cable Mount (Free-Hanging)
RF Contact Captivation Method	Mechanical
Dimensions	
RF Connector Mated Outer Diameter (Approximate)	7.24 mm[.285 in]
Usage Conditions	
Operating Temperature Range	-65 – 165 °C[-85 – 329 °F]
Operation/Application	
Operating Frequency	18 GHz
Packaging Features	
Packaging Method	Package
Other	
Comment	Captured Center Contact
Coupling Nut Plating Material	Gold
Gasket Material	Silicone Rubber
Coupling Nut Base Material	Stainless Steel
Additional Features	Shrink Tubing
Dielectric Material	PTFE

# **Product Compliance**

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold



EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2018 (181) 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	Not applicable for solder process capability

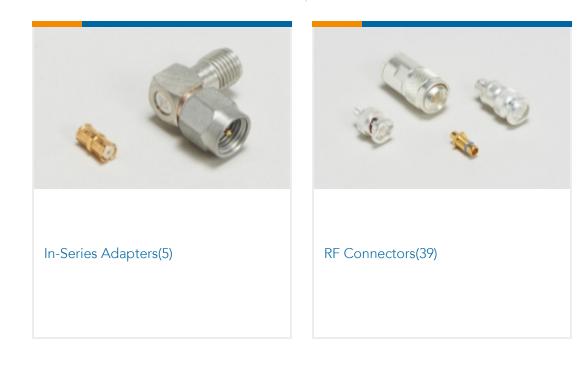
Product Compliance Disclaimer

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**



# Also in the Series | AMP SSMA



### **Documents**

**Product Drawings** 



### SSMA R/A Cable Plug 1037 5001 00

English

**CAD Files** 

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_1045507-1\_F.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1045507-1\_F.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1045507-1\_F.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

# Datasheets & Catalog Pages

Products for Aerospace and Defense

English

#### **Instruction Sheets**

Instruction Sheet (U.S.)

English

OSSM Right Angle Cable Plug Solder Attachment 1045507-1 and 1045508-1

English