1045507-1 ✔ ACTIVE

AMP SSMA

TE Internal #: 1045507-1

AMP SSMA, RF Connectors, SSMA RF Interface, Plug, RF Connector Mated Outer Diameter (Approximate) .285 in [7.24 mm], 50 Ω

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 Ω**

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: JAN 2021 (211) Candidate List Declared Against: JAN 2018 (181) 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	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



TE Part # 1045672-1

1062 0000 00

Also in the Series | AMP SSMA



In-Series Adapters(5)



RF Connectors(47)

Customers Also Bought



TE Part #1-1614782-0
Resistor Power BDS2A100



TE Part #E44700-000
S02-02-W1-24-9-100



TE Part #C72492-000
S02-03-W1-24-9-100



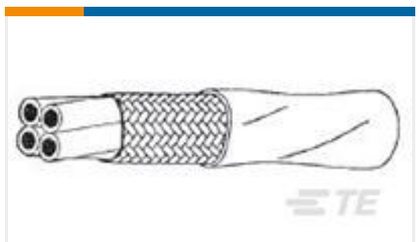
TE Part #YDTS24T09-98SCV001
Jam Nut: D38999, 09-98 Insert



TE Part #E64143-000
PVF SELF LAMINATING PVF LABELS



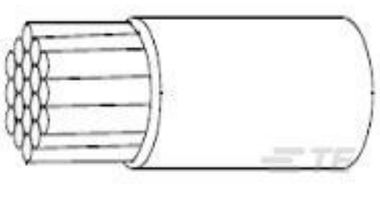
TE Part #D01425-000
T1K WHITE POLYIMIDE LABELS



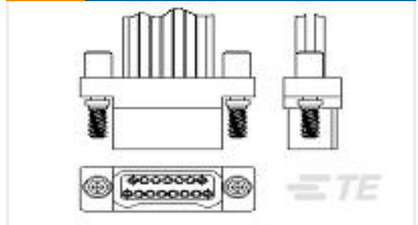
TE Part #CN7896-000
55PC2144-24-9/93/95/96-96



TE Part #213750-1
SIZE 8 SKT CONT ASSY,8 AWG



TE Part #CA4272-000
55A0111-22-1-1KF-US



TE Part #1589473-7
STM009PC2DC024N = WDUALOBE

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