



**AMP SSMA**

TE Internal #: 1045646-1

RF Connectors, SSMA RF Interface, Jack, 50 Ω, Threaded, 38 GHz

Operating Frequency, 1 Position, Sealable, Panel Mount, AMP

SSMA

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Connectors > RF Coax Connectors > RF Connectors



RF Interface: **SSMA**

RF Connector Style: **Jack**

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

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Threaded**

**Features**

**Product Type Features**

|                        |                    |
|------------------------|--------------------|
| Connector Product Type | Connector Assembly |
| Connector Seal Type    | Hermetic           |
| RF Interface           | SSMA               |
| RF Connector Style     | Jack               |
| Sealable               | Yes                |

**Configuration Features**

|                            |   |
|----------------------------|---|
| Number of Positions        | 1 |
| Number of Coaxial Contacts | 1 |

**Electrical Characteristics**

|           |      |
|-----------|------|
| Impedance | 50 Ω |
|-----------|------|

**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, Nickel |
| RF Connector Center Contact Plating Material      | Gold           |



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

### Termination Features

|                                    |        |
|------------------------------------|--------|
| Termination Method to Wire & Cable | Solder |
|------------------------------------|--------|

### Mechanical Attachment

|                                 |          |
|---------------------------------|----------|
| RF Connector Coupling Mechanism | Threaded |
|---------------------------------|----------|

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

|                               |        |
|-------------------------------|--------|
| RF Contact Captivation Method | Solder |
|-------------------------------|--------|

### 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 | 38 GHz |
|---------------------|--------|

### Packaging Features

|                  |         |
|------------------|---------|
| Packaging Method | Package |
|------------------|---------|

### 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 | Current ECHA Candidate List: JUNE 2022 (224)<br>Candidate List Declared Against: JAN 2019 (197)<br>SVHC > Threshold:<br>Not Yet Reviewed |
|--|--|

|                 |                                      |
|-----------------|--------------------------------------|
| Halogen Content | Not Yet Reviewed for halogen content |
|-----------------|--------------------------------------|

|                           |                                      |
|---------------------------|--------------------------------------|
| Solder Process Capability | Hand solderable with tin/lead solder |
|---------------------------|--------------------------------------|

#### Product Compliance Disclaimer

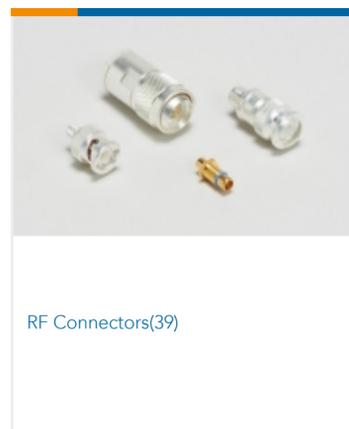
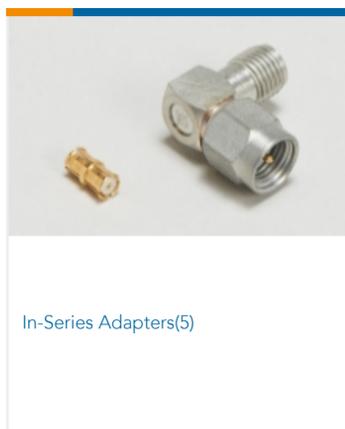
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts



## Also in the Series | AMP SSMA



## Documents

### Product Drawings

1058 3123 00

English

1058 3123 00

English

### CAD Files

Customer View Model

ENG\_CVM\_CVM\_1045646-1\_C.2d\_dxf.zip

English

3D PDF

3D



**Customer View Model**

[ENG\\_CVM\\_CVM\\_1045646-1\\_C.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1045646-1\\_C.3d\\_stp.zip](#)

English

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

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English