



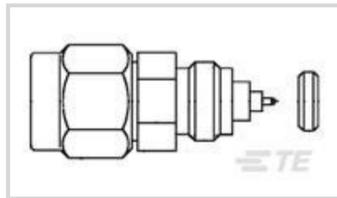
**AMP SMA**

TE Internal #: 1053128-1

TE Internal Description: 2057 5119 02

[View on TE.com >](#)

Connectors > RF Coax Connectors > RF Connectors



RF Interface: **SMA**

RF Connector Style: **Plug**

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
Connector Seal Type	Gasket, Hermetically Sealed
RF Interface	SMA
RF Connector Style	Plug
Connector System	Cable-to-Panel
Sealable	Yes

**Configuration Features**

Number of Positions	1
Number of Coaxial Contacts	1

**Electrical Characteristics**

Impedance	50 Ω
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**Body Features**

Cable Connector Orientation	Straight
Body Material	Stainless Steel
Body Material Finish	Passivated

**Contact Features**

RF Connector Center Contact Underplating Material	Copper
RF Connector Contact Configuration	Captivated Contacts
RF Connector Center Contact Plating Material	Gold

RF Connector Center Contact Material Beryllium Copper

### Mechanical Attachment

Panel Attachment Style Front Mount

Panel Mount Feature Type Threads

RF Connector Coupling Mechanism Threaded

Connector Mounting Type Panel Mount

Detent Without

### Dimensions

Product Length 18.1 mm [.712 in]

RF Connector Mated Outer Diameter (Approximate) 6.35 mm [.25 in]

### Usage Conditions

Operating Temperature Range -65 – 125 °C [-85 – 257 °F]

### Operation/Application

Operating Frequency 18 GHz

### Packaging Features

Packaging Method Package

### Other

Coupling Nut Plating Finish Passivated

Gasket Material Silicone Rubber, Steel

RF Connector Comment Hermetically Sealed

Coupling Nut Base Material Stainless Steel

Dielectric Material TFE Fluorocarbon

### 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)  
 Candidate List Declared Against: DEC 2014 (161)  
 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

Pin-in-Paste capable to 260°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 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.

Also in the Series | **AMP SMA**



Battery Holders(1)



Between Series Adapters(1)



Coax Terminators(1)



In-Series Adapters(11)



Rack & Panel Ferrules & Inserts(1)



RF Cable Assemblies(2)



RF Connector Hardware(2)



RF Connector Launchers(8)



RF Connector Shrouds(3)



RF Connectors(297)

## Documents

### Product Drawings

2057 5119 02

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1053128-1\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1053128-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1053128-1\\_A.3d\\_stp.zip](#)

English

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

### Instruction Sheets

[OSCS Panel Feedthrough Hermetic Plug Receptacle Compression Seal With Gasket 1053130-1, 1089683-1, 1329180-1, 1053127-1, and 1053128-1](#)

English

[Instruction Sheet \(U.S.\)](#)

English