

1052062-1 ✓ ACTIVE

## AMP SMA

TE Internal #: 1052062-1

AMP SMA, RF Connectors, SMA RF Interface, Plug, RF Connector

Mated Outer Diameter (Approximate) .25 in [6.35 mm], 50  $\Omega$

[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  $\Omega$**

Compatible With RF Cable Type: **RG 142**

### Features

#### Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Plug
Compatible With RF Cable Type	RG 142
Connector System	Cable-to-Cable
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector Seal Type	Gasket

#### Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

#### Electrical Characteristics

Impedance	50 $\Omega$
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#### Body Features

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

#### Contact Features

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RF Connector Center Contact Underplating Material	Copper
RF Connector Contact Configuration	Captivated Contacts
Ferrule Plating Material	Gold over Copper
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	Solder
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### Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Cable Mount (Free-Hanging)
RF Contact Captivation Method	Mechanical
Detent	Without

### Dimensions

Product Length	16.9 mm [.665 in]
RF Connector Mated Outer Diameter (Approximate)	6.35 mm [.25 in]

### Usage Conditions

Operating Temperature Range	-65 – 125 °C [-85 – 257 °F]
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### Operation/Application

Operating Frequency	12.4 GHz
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### Packaging Features

Packaging Method	Carton
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### Other

Coupling Nut Plating Material	Gold over Nickel
Gasket Material	Silicone Rubber
Coupling Nut Base Material	Stainless Steel
Additional Features	Shrink Tubing
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
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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: JUN 2020 (209)

Candidate List Declared Against: JAN 2020 (205)

Pb (3.7% in Component Part)

**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

BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.

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 Model / Part # 1050547-1  
2001 5032 00



TE Model / Part # 1053072-1  
2056 0000 00



TE Model / Part # 1051049-1  
2006 5012 00



TE Model / Part # 1052874-1  
2052 5085 02



TE Model / Part # 1052534-1  
2052 1300 02



TE Model / Part # 1056462-1  
2837 7388 02



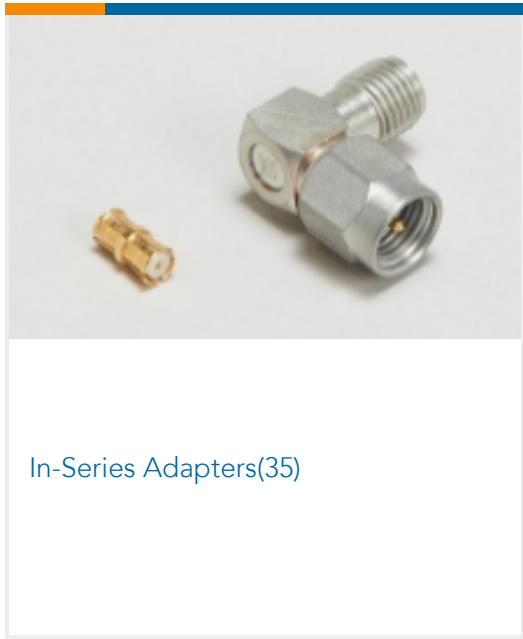
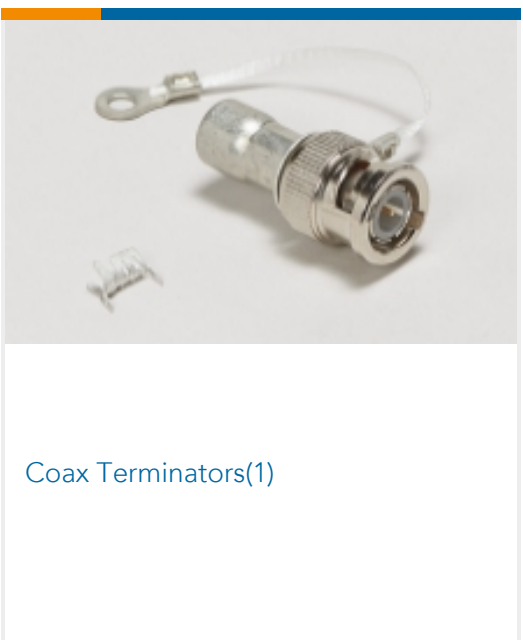
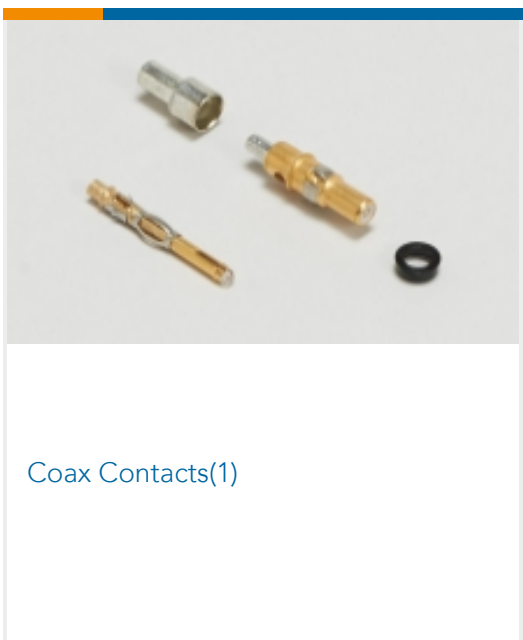
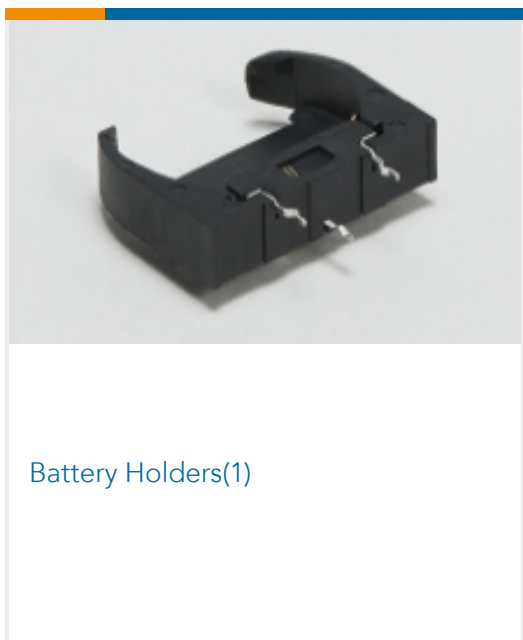
TE Model / Part # 1051933-1  
2034 5005 00



TE Model / Part # 1053514-1  
2080 5055 02



Also in the Series | AMP SMA







RF Connector Launchers(13)



RF Connector Shrouds(10)



RF Connectors(528)

## Customers Also Bought



TE Model / Part #1045511-1  
SSMA R/A Cable Plug 1037 5002 02



TE Model / Part #  
YACT24ME06SAV00100  
JAM NUT RECEPTACLE



TE Model / Part #  
YACT20MJ35ABV00100  
SQUARE FLANGE RECEPTACLE



TE Model / Part #111798-ZZ  
CONT SOC ASSY



TE Model / Part #218375-000  
55A0816-24-9



TE Model / Part #1-146458-9  
19 MODII HDR SRST UNSHRD STKG



TE Model / Part #  
YACT20MH35AAV00100  
SQUARE FLANGE RECEPTACLE



TE Model / Part #942147N002  
S02-10-R-5CS816



TE Model / Part #257509N002  
S02-10-R-6CS816

## Documents

### Product Drawings

[2037 5005 00,SMA RA CABLE PLUG](#)

English

### Instruction Sheets

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

English

[OSM Right Angle Cable Plug Solder Attachment 1052063-1, 1084245-1, and 1052062-1](#)

English

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