

1053261-1 ✓ ACTIVE

## AMP SMA

TE Internal #: 1053261-1

AMP SMA, RF Connectors, SMA RF Interface, Jack, RF Connector

Mated Outer Diameter (Approximate) .25 in [6.35 mm], 50 Ω,

Threaded

[View on TE.com >](#)



Connectors > RF Coax Connectors > RF Connectors



RF Interface: **SMA**

RF Connector Style: **Jack**

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
RF Interface	SMA
RF Connector Style	Jack
Connector System	Cable-to-Panel
Sealable	No

### 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, Rear Mount
RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Panel Mount
Detent	Without

### Dimensions

Pin Diameter Accepted	.51 mm[.02 in]
Product Length	10.8 mm[.425 in]
RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]

### Usage Conditions

Operating Temperature Range	-65 – 165 °C[-85 – 329 °F]
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### Operation/Application

Operating Frequency	18 GHz
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### Packaging Features

Packaging Method	Bag
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### Other

Comment	Accepts 0.5mm [.020] dia. pin
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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211)



SVHC > Threshold:

Pb (.6% 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

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 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 # 1051644-1  
2031 5003 02



TE Part # 1055070-1  
2088 1230 02



TE Part # 1054874-1  
2084 1100 00



TE Part # 1052566-1  
2052 1618 02,SMA FM JACK RECPT



TE Part # 1054426-1  
2082 5133 02



TE Part # 221790-1  
JACK,RIGHT ANGLE,PCB,SMA



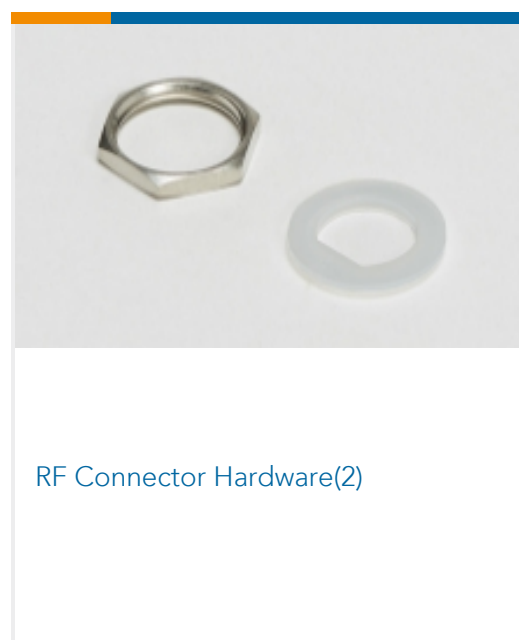
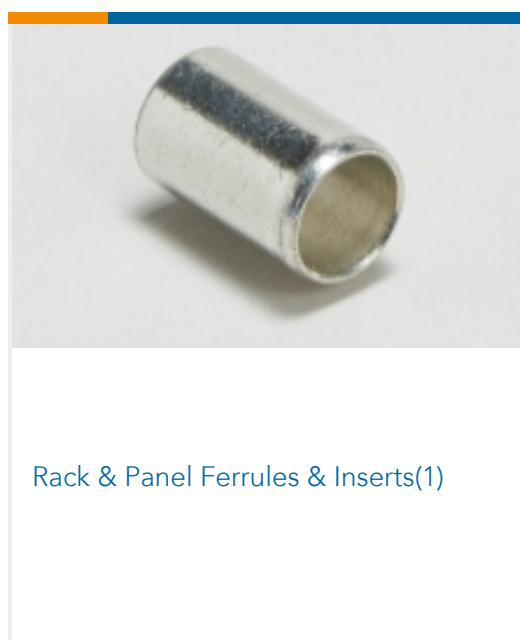
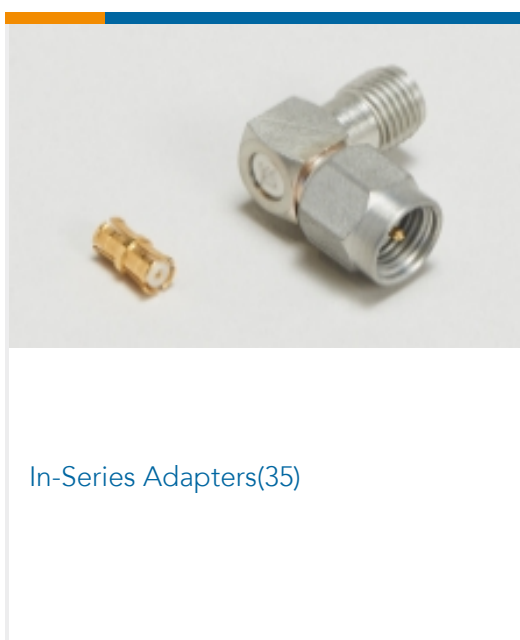
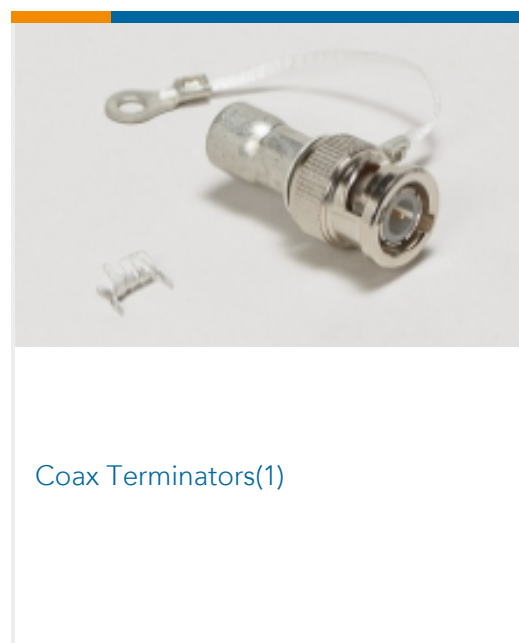
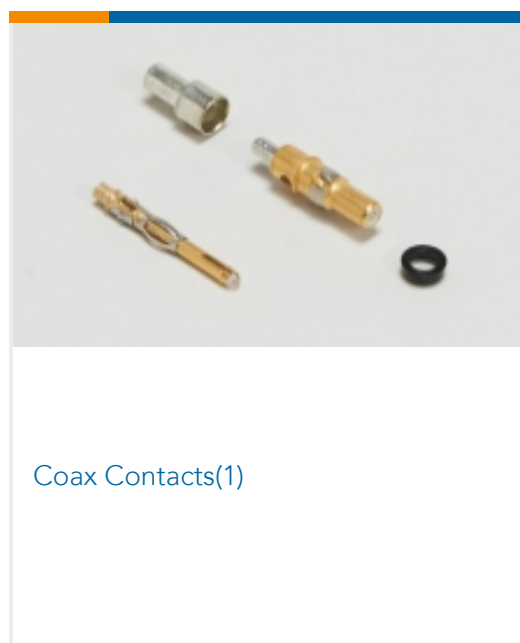
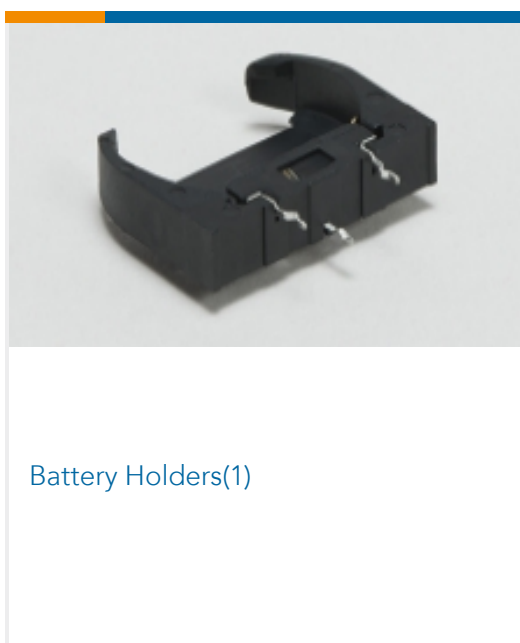
TE Part # 1054868-1  
2084 0000 00



TE Part # 1053072-1  
2056 0000 00



Also in the Series | AMP SMA





RF Connector Launchers(13)



RF Connector Shrouds(10)



RF Connectors(527)

## Customers Also Bought



TE Part #1410187-3  
MULTIGIG RT T2 7RW DC DF CT



TE Part #1052523-1  
2052 1201 02,SMA FM JACK RECPT



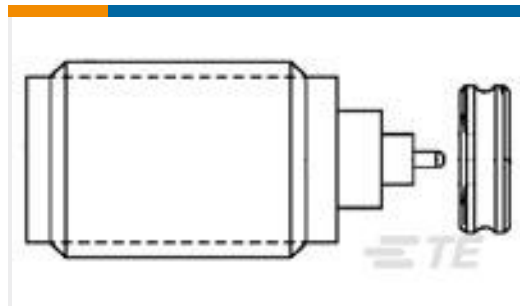
TE Part #1052528-1  
2052 1215 02,SMA FM JACK RECPT



TE Part #1059566-1  
4551 1352 02



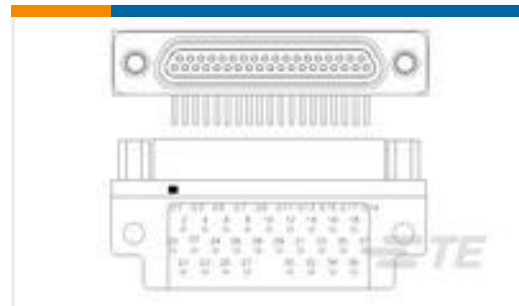
TE Part #1059632-1  
4557 5119 02



TE Part #1053227-1  
2058 5119 02,SMA FEEDTHROUGH



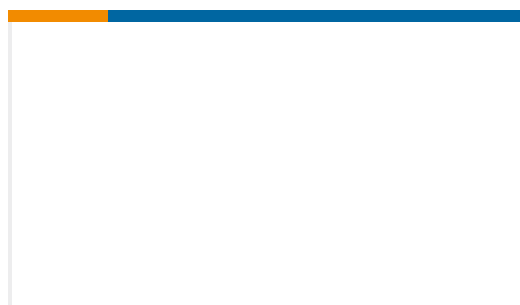
TE Part #1059570-1  
4551 3356 02,OSP FLANGE PLUG



TE Part #1532263-2  
M83513/13-F01CP = MCKS-C2-P-37SRT1



TE Part #1-207683-3  
AMPLIMITE,PIN CONT,SZ 22



TE Part #ZPF000000000015841  
DTBC 24-15

## Documents

### Product Drawings

[2058 5328 02](#)

English

### CAD Files

[3D PDF](#)

[3D](#)

### Customer View Model

[ENG\\_CVM\\_CVM\\_1053261-1\\_A.2d\\_dxf.zip](#)



English

Customer View Model

[ENG\\_CVM\\_CVM\\_1053261-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1053261-1\\_A.3d\\_stp.zip](#)

English

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

## Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English