

1052618-1 ✓ ACTIVE

## AMP SMA

TE Internal #: 1052618-1

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

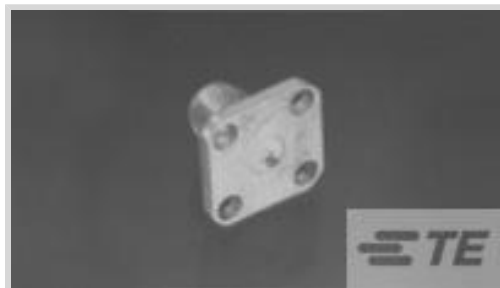
Mated Outer Diameter (Approximate) .25 in [6.35 mm], 50 Ω,

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	Yes
Connector Seal Type	Gasket

#### 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

### Termination Features

Termination Method to Wire & Cable	Solder
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### Mechanical Attachment

Panel Attachment Style	Front Mount
Panel Mount Feature Type	Flange
RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	Without

### Dimensions

Pin Diameter Accepted	.46 mm[.018 in]
Product Length	9.53 mm[.375 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	18 GHz
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### Packaging Features

Packaging Method	Carton
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### Other

Comment	Hermetically Sealed
Gasket Material	Conductive Elastomers
Number of Panel Mounting Holes	4
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: JUN 2020 (209)

Candidate List Declared Against: JAN 2020 (205)

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

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 # 1051110-1  
2007 5054 02



TE Model / Part # 1050542-1  
2001 5031 02



TE Model / Part # 1051665-1  
2031 5012 02



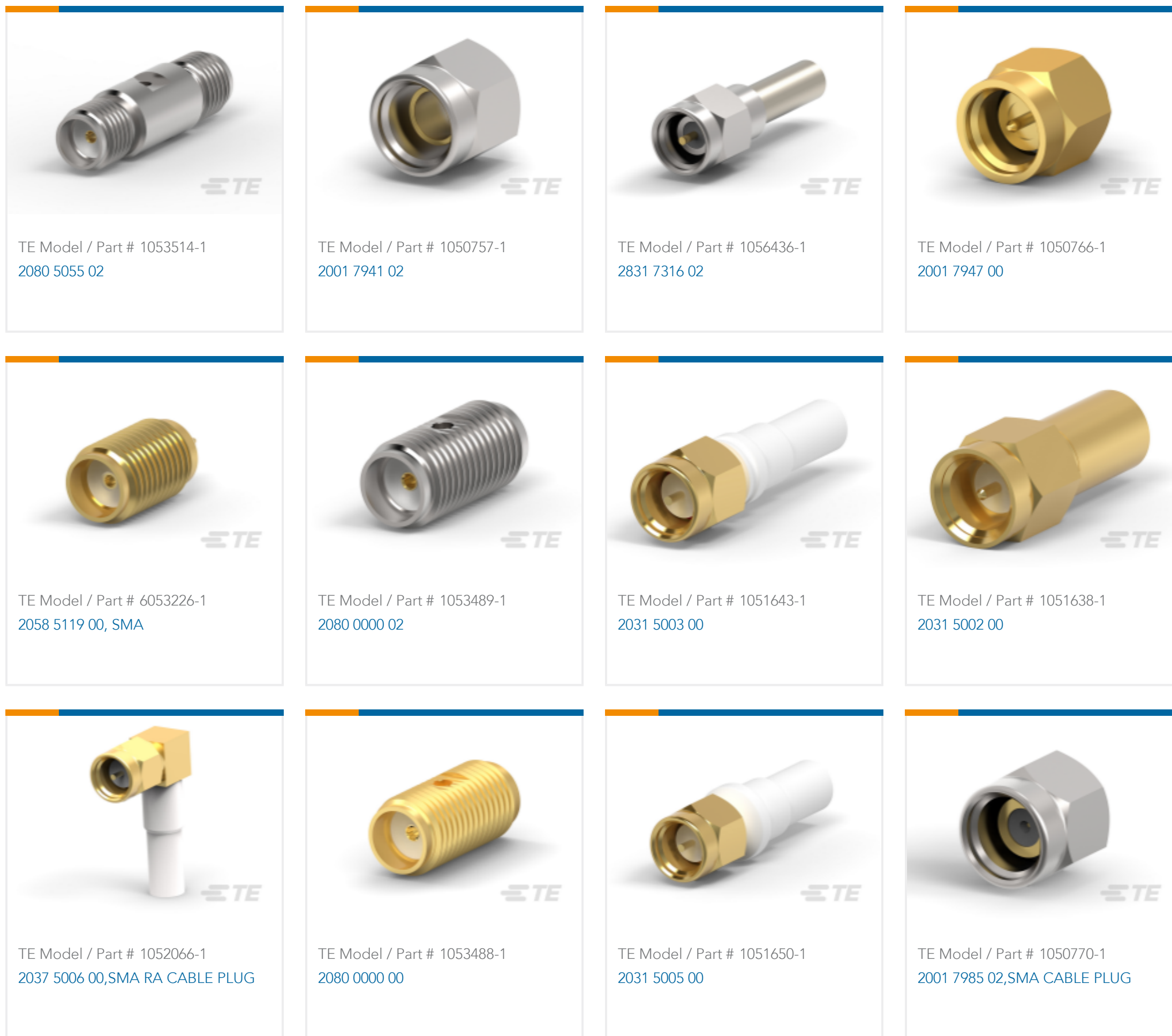
TE Model / Part # 1052534-1  
2052 1300 02



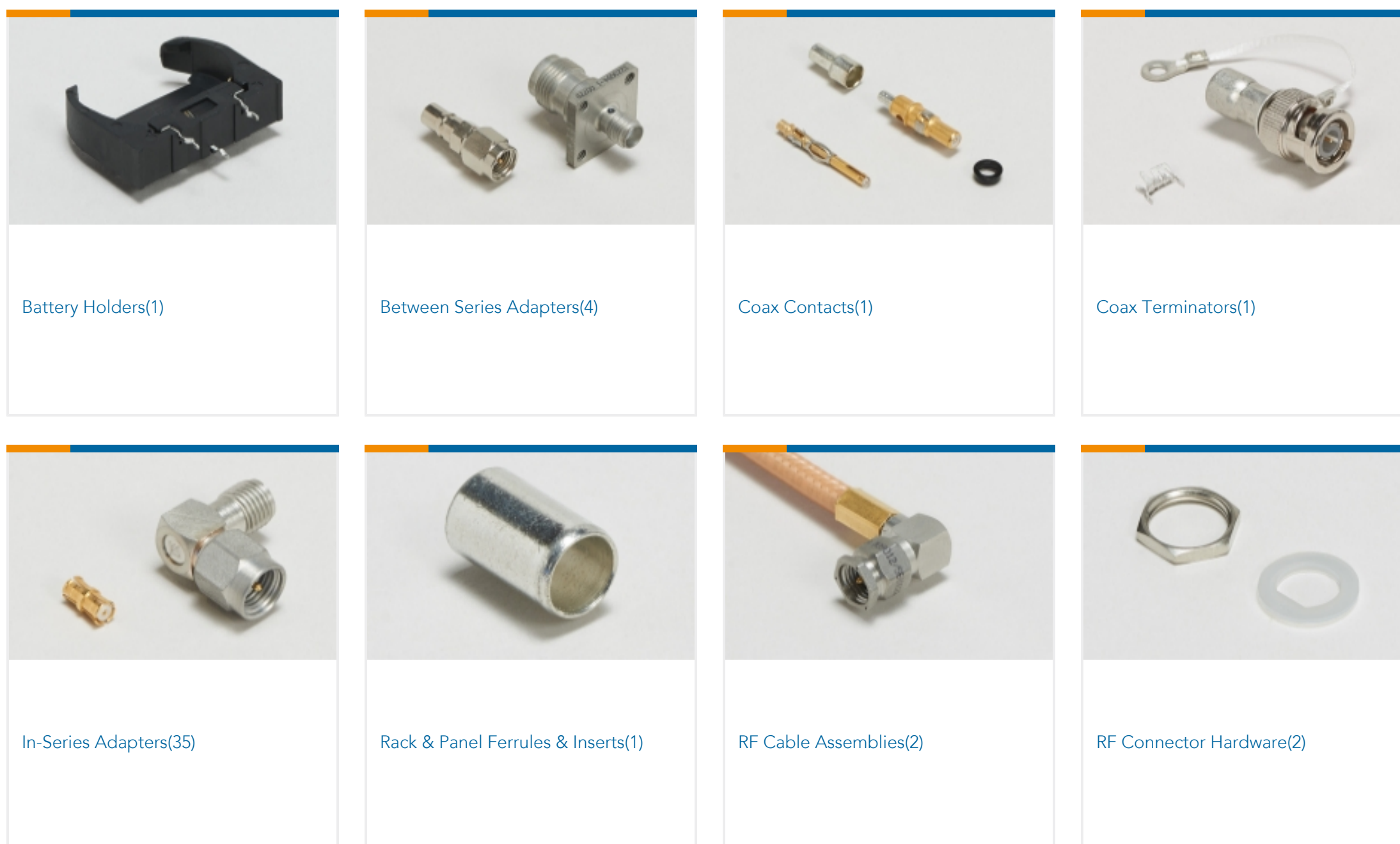
TE Model / Part # 1056462-1  
2837 7388 02



TE Model / Part # 1050541-1  
2001 5031 00



Also in the Series | AMP SMA





RF Connector Launchers(13)

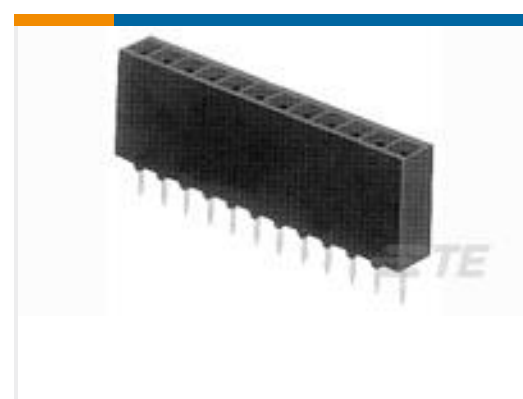
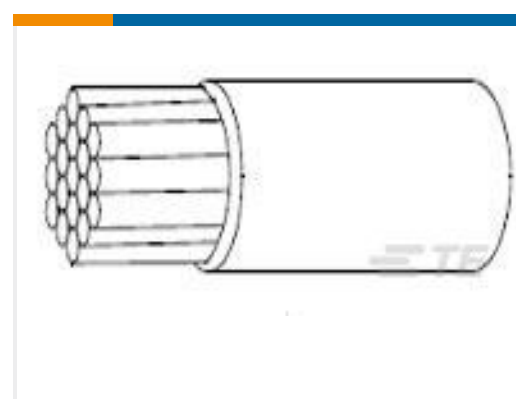
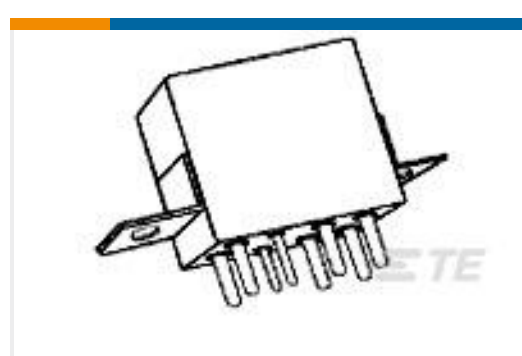


RF Connector Shrouds(10)



RF Connectors(528)

## Customers Also Bought

TE Model / Part #2176305-8  
RP 1E 0.1W 127R 0.1% 25PPM 5K RLTE Model / Part #1045637-1  
1058 0000 02TE Model / Part #1056245-1  
2704 7941 00TE Model / Part #1-1532171-9  
M83513/04-A03C, MCKS-C2-B-9S6G9-18.0TE Model / Part #1532184-3  
M83513/03-F03N, MCKS-N1-B-37P6G9-18.0TE Model / Part #3-87879-6  
04 MODIV VRT SR OE 100/115TE Model / Part #351879-000  
55A0111-18-45TE Model / Part #118726-000  
D-142-65-55-22-5TE Model / Part #6-1617758-7  
FCB-205-AY2TE Model / Part #3-1437621-0  
KAS500B1/8=KNOB BLK 1/8 SHAFT

## Documents

### Product Drawings

[2052 3340 02](#)

English

### CAD Files

[3D PDF](#)

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_1052618-1\\_B.2d\\_dxf.zip](#)

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AMP SMA, RF Connectors, SMA RF Interface, Jack, RF Connector Mated Outer  
Diameter (Approximate) .25 in [6.35 mm], 50  $\Omega$ , Threaded



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1052618-1\\_B.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1052618-1\\_B.3d\\_stp.zip](#)

English

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

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**Datasheets & Catalog Pages**

[SMA Connectors](#)

English