



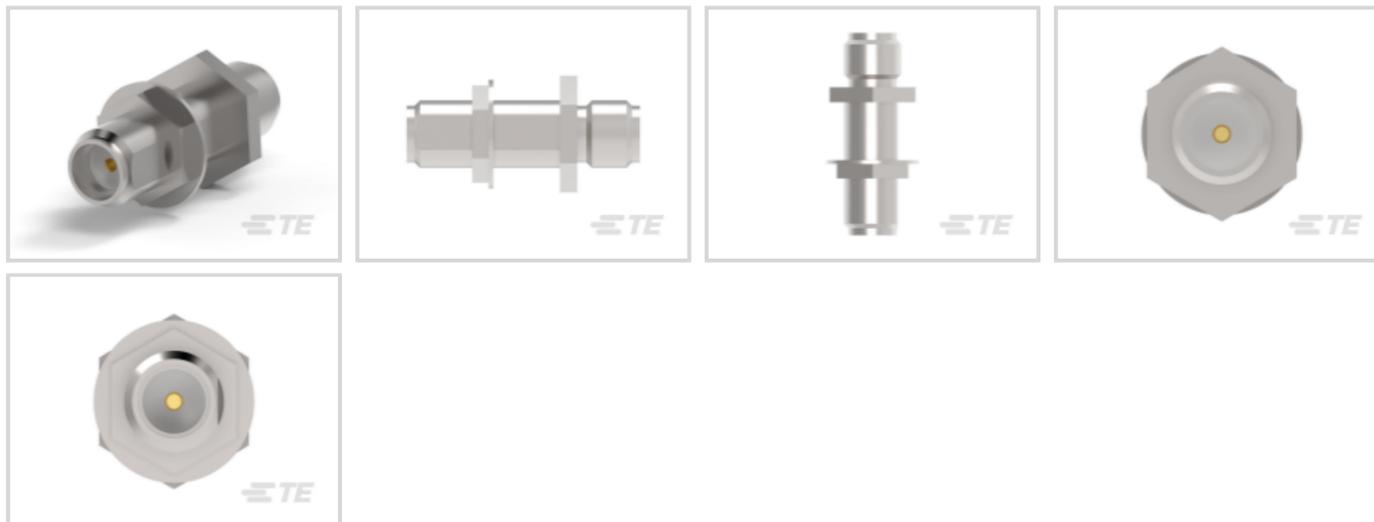
**AMP SMA**

TE Internal #: 1054869-1

In-Series Adapters, SMA, Straight, Beryllium Copper, Gold over Copper, 50 Ω, Cable-to-Cable, 1 Position, Wire & Cable, Power & Signal, AMP SMA

[View on TE.com >](#)

Connectors > RF Coax Connectors > RF Adapters > In-Series Adapters



RF Interface: **SMA**

Body Orientation: **Straight**

RF Connector Center Contact Material: **Beryllium Copper**

RF Connector Center Contact Plating Material: **Gold over Copper**

Impedance: **50 Ω**

**Features**

**Product Type Features**

Grounding Options	None
RF Interface	SMA
Connector System	Cable-to-Cable
Sealable	No
Connector & Contact Terminates To	Wire & Cable

**Configuration Features**

Number of Positions	1
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**Electrical Characteristics**

Impedance	50 Ω
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**Body Features**

Body Plating Finish	Passivated
Body Material	Stainless Steel

**Contact Features**

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RF Connector Center Contact Material	Beryllium Copper
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RF Connector Center Contact Plating Material	Gold over Copper
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### Mechanical Attachment

Panel Attachment Style	Rear Mount
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Panel Mount Feature Type	Bulkhead
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RF Contact Captivation Method	Epoxy
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Connector Mounting Type	Panel Mount
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### Housing Features

Body Orientation	Straight
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### Dimensions

Product Length	22.2 mm[.874 in]
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### Usage Conditions

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

Operating Frequency	18 GHz
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Circuit Application	Power & Signal
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### Packaging Features

Packaging Method	Bag
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### Other

Dielectric Material	TFE Fluorocarbon
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## 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
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2022 (224)</p> <p>Candidate List Declared Against: JUNE 2022 (224)</p> <p>SVHC &gt; Threshold:</p> <p>Pb (.6% in component part)</p> <p>Article Safe Usage Statements:</p>
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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 Part # 1050547-1  
2001 5032 00



TE Part # 1050548-1  
2001 5032 02



TE Part # 1050524-1  
2001 5003 00,SMA CABLE PLUG



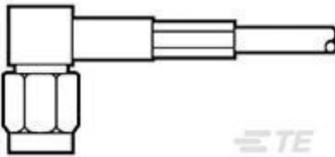
TE Part # 1050859-1  
2002 5016 00



TE Part # 1052098-1  
2037 5100 02



TE Part # 1408541-1  
PUSH ON SMA CABLE PLUG



TE Part # 1-447651-0  
PLUG R/A,SMA,HEX CRIMP COMM



TE Part # 1051643-3  
SMA STRAIGHT PLUG CABLE END



TE Part # 1051933-3  
OSM STRAIGHT JACK



TE Part # 1052633-1  
2052 3356 00



TE Part # 1253729-1  
2837 7316 00



TE Part # 1408442-3  
SMA STRAIGHT PLUG CABLE END




TE Part # 6082034-1  
2231 7388 36



TE Part # 6086274-1  
2234 7388 36



TE Part # 1050525-1  
2001 5003 02,SMA CABLE PLUG



TE Part # 1053265-1  
2058 5329 02



TE Part # 1056462-1  
2837 7388 02



TE Part # 1050720-1  
2001 7188 00

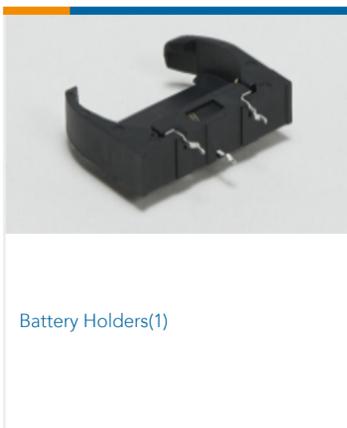


TE Part # 1051110-1  
2007 5054 02



TE Part # 1051664-1  
2031 5012 00

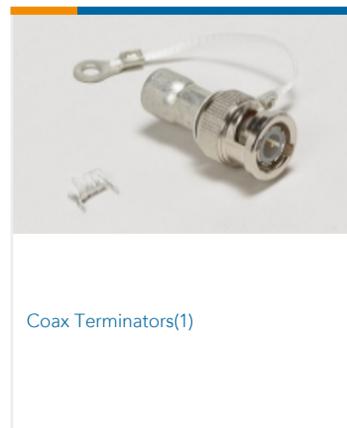
Also in the Series | AMP SMA



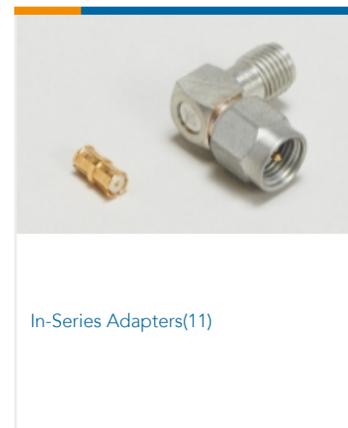
Battery Holders(1)



Between Series Adapters(1)



Coax Terminators(1)



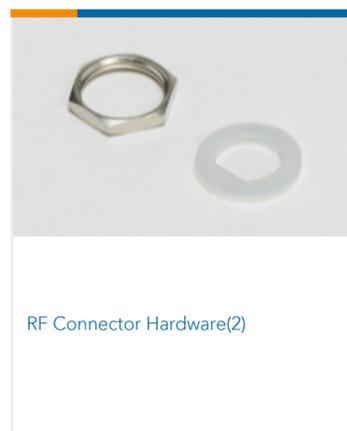
In-Series Adapters(11)



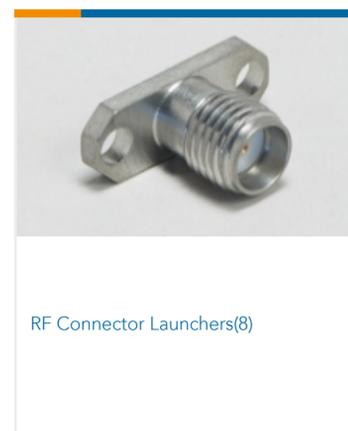
Rack & Panel Ferrules & Inserts(1)



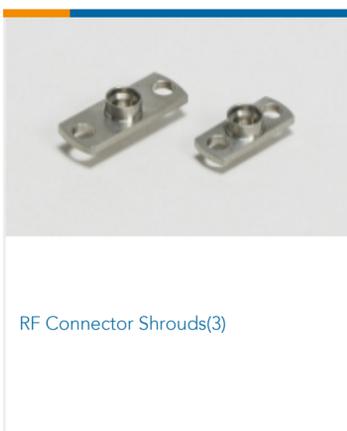
RF Cable Assemblies(2)



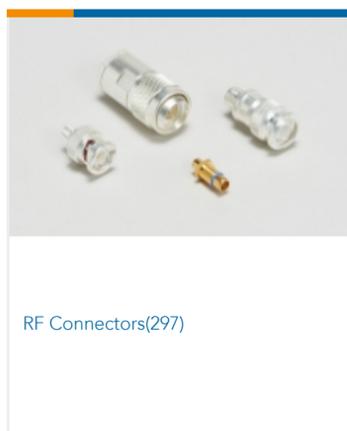
RF Connector Hardware(2)



RF Connector Launchers(8)



RF Connector Shrouds(3)



RF Connectors(297)

Documents



### Product Drawings

[2084 0000 02](#)

English

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### CAD Files

Customer View Model

[ENG\\_CVM\\_1054869-1\\_B.2d\\_dxf.zip](#)

English

3D PDF

English

Customer View Model

[ENG\\_CVM\\_1054869-1\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1054869-1\\_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

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### Product Specifications

[Product Specification](#)

English

[Product Specification](#)

English

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### Product Environmental Compliance

[MD\\_1054869-1\\_12172013544\\_dmtec](#)

English

[MD\\_1054869-1\\_12172013544\\_dmtec](#)

English