

AMP SMA

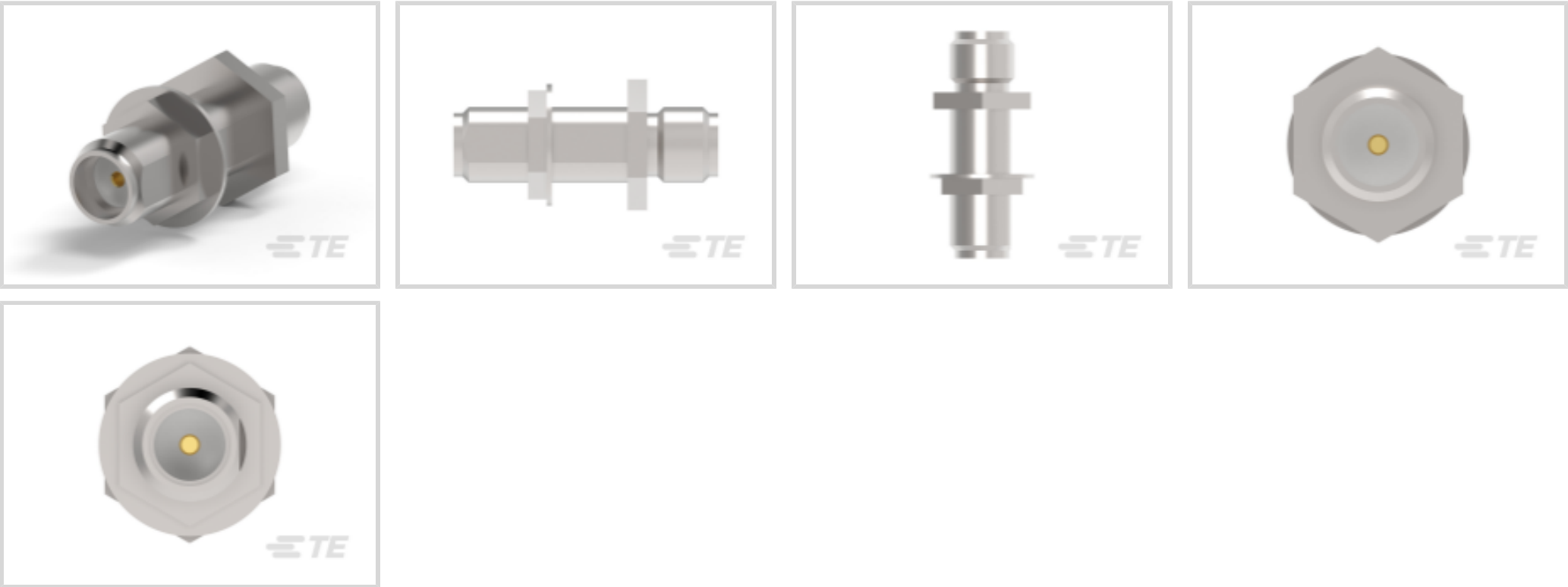
TE Internal #: 1054869-1

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

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



RF Connector Type: **SMA**
Body Angle: **Straight**
RF Connector Center Contact Material: **Beryllium Copper**
RF Connector Center Contact Plating Material: **Gold over Copper**
Impedance: **50 Ω**

Features

Product Type Features

Isolated Ground	No
RF Connector Type	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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Signal Characteristics

Frequency	18 GHz
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Body Features

Body Insulation	Without
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Body Plating Finish	Passivated
Body Material	Stainless Steel
Body Angle	Straight

Contact Features

RF Connector Contact Configuration	Captivated Contacts
RF Connector Center Contact Material	Beryllium Copper
RF Connector Center Contact Plating Material	Gold over Copper

Mechanical Attachment

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

Dimensions

Length	22.2 mm[.874 in]
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Usage Conditions

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

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
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	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 # 1051644-1 2031 5003 02	 TE Part # 1050547-1 2001 5032 00	 TE Part # 1050548-1 2001 5032 02	 TE Part # 1056443-1 2831 7388 02
 TE Part # 1050525-1 2001 5003 02,SMA CABLE PLUG	 TE Part # 1052639-1 2052 3357 02	 TE Part # 1050611-1 2001 5443 02	 TE Part # 1050740-1 2001 7641 02
 TE Part # 1050770-1 2001 7985 02,SMA CABLE PLUG	 TE Part # 1050524-1 2001 5003 00,SMA CABLE PLUG	 TE Part # 1050541-1 2001 5031 00	 TE Part # 1050542-1 2001 5031 02



TE Part # 1050735-1
2001 7585 02



TE Part # 1050756-1
2001 7941 00



TE Part # 1050757-1
2001 7941 02



TE Part # 1050762-1
2001 7943 00,SMA CABLE PLUG



TE Part # 1050769-1
2001 7985 00,SMA CABLE PLUG



TE Part # 1050854-1
2002 5015 00



TE Part # 1050859-1
2002 5016 00



TE Part # 1051001-1
2004 7541 00

Also in the Series | AMP SMA



Battery Holders(1)



Between Series Adapters(3)



Coax Contacts(1)



Coax Terminators(1)



In-Series Adapters(35)



Rack & Panel Ferrules & Inserts(1)



RF Cable Assemblies(2)



RF Connector Hardware(2)



RF Connector Launchers(13)



RF Connector Shrouds(10)



RF Connectors(527)

Customers Also Bought



TE Part #1-331677-4
Mini Spring Sockets: Closed Bottom, 5A

TE Part #1055070-1
2088 1230 02

TE Part #1054426-1
2082 5133 02

TE Part #1054868-1
2084 0000 00

TE Part #1053378-1
2064 0000 00

TE Part #100525-3
Z-PACK M.CODING KEY

TE Part #1053354-1
2062 0000 00,SMA PCB VERT JACK

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

TE Part #1053635-1
2081 0000 02

TE Part #TJ11E-02-05
MODULE ASSY

Documents

Product Drawings

2084 0000 02

English

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.

Datasheets & Catalog Pages



SMA Connectors

English

Product Specifications

Product Specification

English

Product Specification

English

Product Environmental Compliance

MD_1054869-1_12172013544_dmtec

English

MD_1054869-1_12172013544_dmtec

English