

AMP SMA

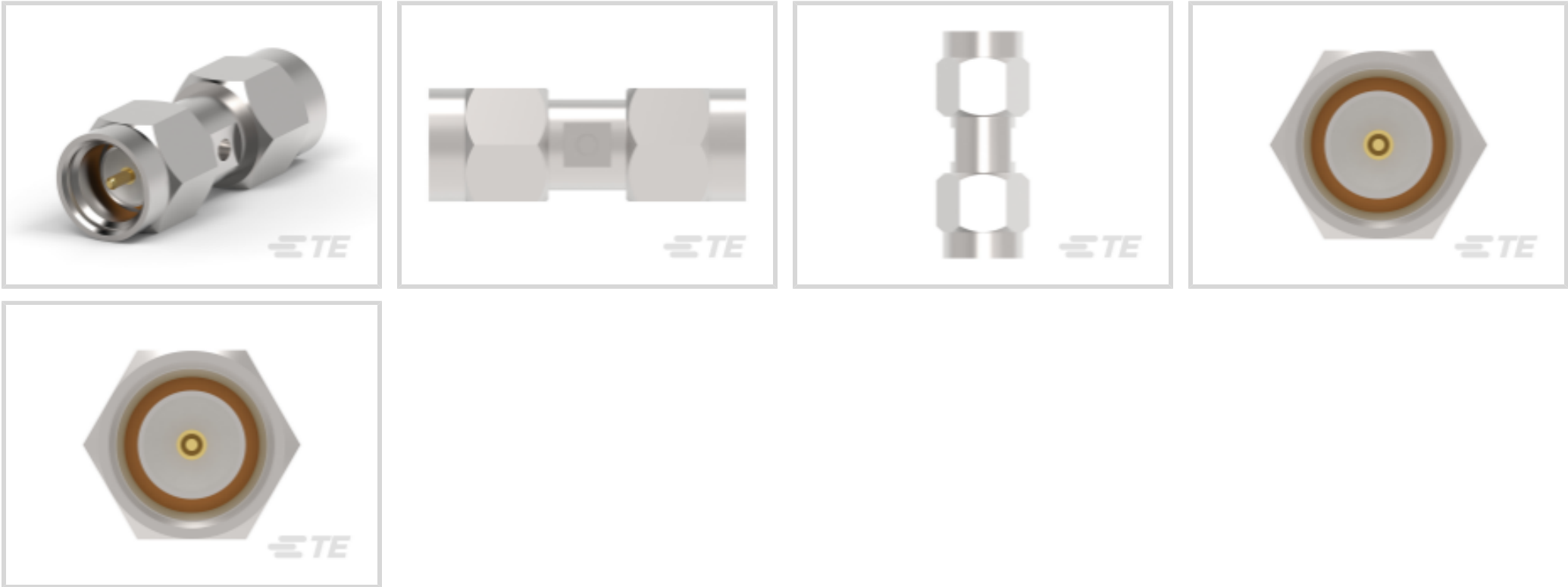
TE Internal #: 1053635-1

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

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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**
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

Mechanical Attachment

Coupling Nut Material	Stainless Steel
RF Contact Captivation Method	Epoxy
Connector Mounting Type	Panel Mount

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

Comment	Epoxy captivation.
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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: 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 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 # 2016682-2 RF CA,UMCC1 TO SMA JACK,1.13MM, L100MM	 TE Part # 2016682-4 RF CA,UMCC1 TO SMA JACK,1.13MM, L200MM	 TE Part # 2016694-2 RF CA,UMCC4 TO SMA JACK,1.13MM, L100MM
 TE Part # 2081570-1 2.92MM JACK 2 HOLE FLANGE RECEPTACLE	 TE Part # 2081570-2 2.92MM JACK 2 HOLE FLANGE RECEPTACLE	 TE Part # 2081934-1 2.92MM JACK PCB EDGE LAUNCH	 TE Part # 1408541-1 PUSH ON SMA CABLE PLUG



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

TE Part # 1050999-3
SMA S/T JACK RG195 CABLE,CRIMP END

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 # 2016694-4
RF CA,UMCC4 TO SMA JACK,1.13MM, L200MM

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

2081 0000 02

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1053635-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1053635-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1053635-1_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 Environmental Compliance

TE Material Declaration

English