



AMP SMA

TE Internal #: 1053354-1

RF Connectors, SMA RF Interface, Jack, 50 Ω, Threaded, 18 GHz Operating Frequency, Cable-to-Board, 1 Position, Printed Circuit Board, AMP SMA

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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-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Body Material	Stainless Steel
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Body Material Finish	Plated
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Body Plating Material	Gold
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Contact Features

RF Connector Center Contact Underplating Material	Copper, Nickel
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RF Connector Contact Configuration	Captivated Contacts
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RF Connector Center Contact Plating Material	Gold
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RF Connector Center Contact Material	Beryllium Copper
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Termination Features

Termination Post & Tail Length	3.9 mm[.155 in]
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Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
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Connector Mounting Type	Board Mount
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RF Contact Captivation Method	Epoxy
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Detent	Without
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Dimensions

Profile Height from PCB	9.5 mm[.375 in]
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Product Length	9.53 mm[.375 in]
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RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]
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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

Dielectric Material	PTFE
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Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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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 (.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 # 1050547-1
2001 5032 00



TE Part # 1050548-1
2001 5032 02



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



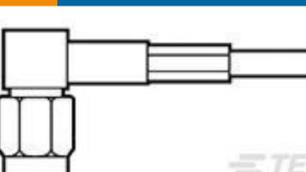
TE Part # 1050859-1
2002 5016 00



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 # 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



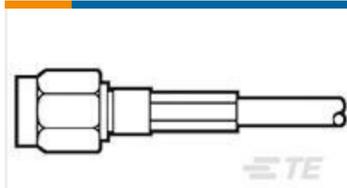
TE Part # 1052633-1
2052 3356 00



TE Part # 1253729-1
2837 7316 00



TE Part # 1408442-3
SMA STRAIGHT PLUG CABLE END



TE Part # 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

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

[2062 0000 00,SMA PCB VERT JACK](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_1053354-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_1053354-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1053354-1_A.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](#)

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