

1056521-1 ✓ ACTIVE

AMP | AMP SMP

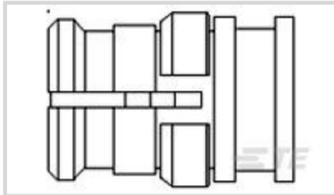
TE Internal #: 1056521-1

RF Connectors, SMP RF Interface, Jack, 50  $\Omega$ , .047 Semi-Rigid, Push-On, 40 GHz Operating Frequency, 1 Position, Wire & Cable, AMP SMP

[View on TE.com >](#)



Connectors > RF Coax Connectors > RF Connectors



RF Interface: **SMP**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **4.19 mm [ .165 in ]**

Impedance: **50  $\Omega$**

Compatible With RF Cable Type: **.047 Semi-Rigid**

## Features

### Product Type Features

Connector Seal Type	Beryllium Copper Ring
RF Interface	SMP
RF Connector Style	Jack
Compatible With RF Cable Type	.047 Semi-Rigid
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

### Electrical Characteristics

EMI & RFI Protection & Suppression Type	Interfacial EMI Ring
Impedance	50 $\Omega$

### Body Features

Cable Connector Orientation	Straight
Body Material	Beryllium Copper
Body Material Finish	Plated
Body Plating Material	Gold

### Contact Features

RF Connector Center Contact Underplating Material	Copper, Nickel
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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 Method to Wire & Cable	Solder
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### Mechanical Attachment

RF Connector Coupling Mechanism	Push-On
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Connector Mounting Type	Cable Mount (Free-Hanging)
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RF Contact Captivation Method	Mechanical
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### Dimensions

RF Connector Mated Outer Diameter (Approximate)	4.19 mm [.165 in]
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### Usage Conditions

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

Operating Frequency	40 GHz
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### Packaging Features

Packaging Method	Package
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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
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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)  Candidate List Declared Against: JAN 2019 (197)  SVHC &gt; Threshold:  Pb (4% in Contact/Component)</p>
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#### 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	Not Yet Reviewed for halogen content
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Solder Process Capability	Hand solderable with tin/lead solder
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## 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 # 1663670-1  
SMP BULKHEAD PLUG



TE Part # 619306-2  
SMP plug - SMPA plug - 6.65mm

## Also in the Series | AMP SMP



Between Series Adapters(1)



In-Series Adapters(1)



RF Connector Shrouds(3)



RF Connectors(7)

## Documents

## Product Drawings

## SMP STRAIGHT CABLE JACK DIRECT SOLDER

English

## CAD Files

## Customer View Model

[ENG\\_CVM\\_1056521-1\\_D.3d\\_igs.zip](#)

English

## Customer View Model

[ENG\\_CVM\\_1056521-1\\_D.3d\\_stp.zip](#)

English



### Customer View Model

[ENG\\_CVM\\_1056521-1\\_D.2d\\_dxf.zip](#)

English

[3D PDF](#)

English

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

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### Datasheets & Catalog Pages

[Products for Aerospace and Defense](#)

English

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### Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English