

1056522-1 ✓ ACTIVE

[AMP](#) | [AMP SMP](#)

TE Internal #: 1056522-1

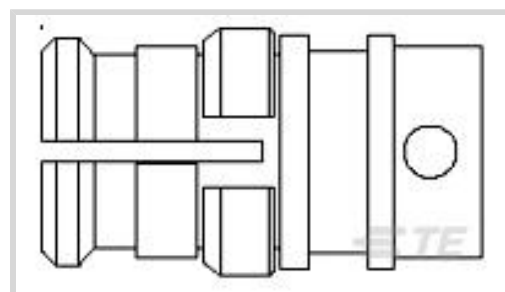
AMP SMP, RF Connectors, SMP RF Interface, Jack, RF Connector

Mated Outer Diameter (Approximate) .165 in [4.19 mm], 50 Ω

[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 Ω**

Compatible With RF Cable Type: **RG 405 Semi-Rigid**

Features

Product Type Features

RF Interface	SMP
RF Connector Style	Jack
Compatible With RF Cable Type	RG 405 Semi-Rigid
Connector & Contact Terminates To	Wire & Cable
Connector Seal Type	Beryllium Copper Ring

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

EMI & RFI Protection & Suppression Type	Interfacial EMI Ring
Impedance	50 Ω

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
---	----------------



RF Connector Center Contact Plating Material	Gold
--	------

RF Connector Center Contact Material	Beryllium Copper
--------------------------------------	------------------

Termination Features

Termination Method to Wire & Cable	Solder
------------------------------------	--------

Mechanical Attachment

RF Connector Coupling Mechanism	Push-On
---------------------------------	---------

Connector Mounting Type	Cable Mount (Free-Hanging)
-------------------------	----------------------------

RF Contact Captivation Method	Mechanical
-------------------------------	------------

Dimensions

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

Usage Conditions

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

Operation/Application

Operating Frequency	40 GHz
---------------------	--------

Packaging Features

Packaging Method	Package
------------------	---------

Other

Dielectric Material	PTFE
---------------------	------

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	<p>Current ECHA Candidate List: JAN 2021 (211)</p> <p>Candidate List Declared Against: JAN 2021 (211)</p> <p>SVHC > Threshold:</p> <p>Pb (.6% in Metal Components)</p>
--	---

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
-----------------	--------------------------------------

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>

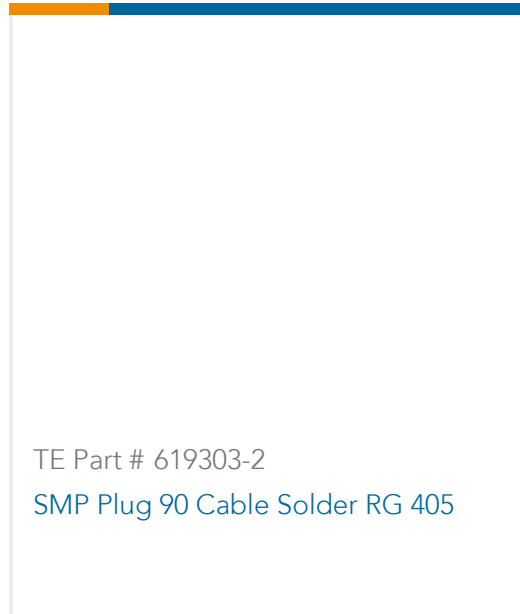
Compatible Parts



TE Part # 1663670-1
SMP BULKHEAD PLUG



TE Part # 1253562-1
2963 5013 62 OSMP, PLUG-FULL




TE Part # 619303-2
SMP Plug 90 Cable Solder RG 405

Also in the Series | AMP SMP




Between Series Adapters(1)



In-Series Adapters(1)



RF Connector Shrouds(9)



RF Connectors(8)

Customers Also Bought



TE Part #1445823-3
MINI CPC



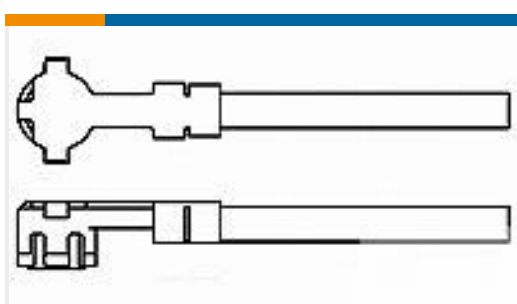
TE Part #1050548-1
2001 5032 02



TE Part #1-320765-1
TERMINAL, SOLIS R 12-10 7/8



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



TE Part #1064542-1
9960 2510 24



TE Part #YDTS26W15-19SNV001
D38999: Straight Plug, 15-19 Insert



TE Part #1-2321775-2
4POS,MATE-AX,HDR ASSY Rev.,
090DEG,COD B



TE Part #1-770194-0
UMNLII GRND PIN DUPL AUBR LF



TE Part #010844-000
7724S3664-9

Documents

Product Drawings

[2902 5006 62](#)

English

CAD Files

Customer View Model

[ENG_CVM_1056522-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1056522-1_E.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1056522-1_E.2d_dxf.zip](#)

English

3D PDF

English

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

Datasheets & Catalog Pages

[Products for Aerospace and Defense](#)

English

Instruction Sheets

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

English

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

English

1056522-1

AMP SMP, RF Connectors, SMP RF Interface, Jack, RF Connector Mated Outer
Diameter (Approximate) .165 in [4.19 mm], 50 Ω

