1050785-1 ✓ ACTIVE

AMP | AMP SMA

TE Internal #: 1050785-1

RF Connectors, SMA RF Interface, Plug, 50 Ω, RG 405 Semi-Rigid, Threaded, 18 GHz Operating Frequency, 1 Position, Wire & Cable, AMP SMA

AMP SMA

View on TE.com >

Connectors > RF Coax Connectors > RF Connectors

RF Interface: **SMA**

RF Connector Style: **Plug**

RF Connector Mated Outer Diameter (Approximate): **8.99 mm [.354 in]**

Impedance: **50 Ω**

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

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector Seal Type	Interfacial Seal
RF Interface	SMA
RF Connector Style	Plug
Compatible With RF Cable Type	RG 405 Semi-Rigid
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω

Body Features

Cable Connector Orientation	Straight
Body Material	Stainless Steel
Body Material Finish	Plated
Body Plating Material	Gold

Contact Features

RF Connector Center Contact Underplating Material	Copper, Nickel

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RF Connector Contact Configuration	Not Captivated
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	Threaded
Connector Mounting Type	Cable Mount (Free-Hanging)
RF Contact Captivation Method	Solder

Dimensions

Product Length	11.18 mm[.44 in]
RF Connector Mated Outer Diameter (Approximate)	8.99 mm[.354 in]

Usage Conditions

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

Operation/Application

Operating Frequency	18 GHz

Packaging Features

Packaging Method	Package

Other

Coupling Nut Plating Finish	Passivated
Coupling Nut Base Material	Stainless Steel
Military Category	B
Grade	Military
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	Current ECHA Candidate List: JUNE 2022 (224)

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Candidate List Declared Against: JAN 2019
(197)
SVHC > Threshold:
Not Yet Reviewed

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

TE Part # 1053372-1
2062 8001 90,OSM JACK, QPL

Also in the Series | AMP SMA

Battery Holders(1)

Between Series Adapters(1)

Coax Terminators(1)

In-Series Adapters(11)

RF Connectors, SMA RF Interface, Plug, 50 Ω, RG 405 Semi-Rigid, Threaded, 18 GHz
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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
SMA Cable Plug 2001 8101 92

English

CAD Files
3D PDF

3D

Customer View Model

ENG_CVM_CVM_1050785-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1050785-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1050785-1_C.3d_stp.zip

English

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Datasheets & Catalog Pages
Products for Aerospace and Defense

English

Instruction Sheets
Instruction Sheet (U.S.)

English