

1045481-1 ✓ ACTIVE

AMP | AMP OSMM, AMP SSMA

TE Internal #: 1045481-1

SSMA RF Interface, Plug, 50 Ω , RG 316 / RG 174, Threaded, 38 GHz

Operating Frequency, 1 Position, Sealable, Wire & Cable, AMP

SSMA

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Connectors > RF Connectors > Coax Connectors



RF Interface: **SSMA**

RF Connector Style: **Plug**

RF Connector Mated Outer Diameter (Approximate): **7.24 mm [.285 in]**

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 174, RG 316**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector Seal & Plug Type	Interfacial Seal
RF Interface	SSMA
RF Connector Style	Plug
Compatible With RF Cable Type	RG 174, RG 316
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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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
Ferrule Plating Material	Gold
Ferrule Material	Copper Alloy
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Wire & Cable	Solder
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Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Cable Mount (Free-Hanging)
RF Contact Captivation Method	None

Dimensions

Product Length	31.75 mm[1.25 in]
RF Connector Mated Outer Diameter (Approximate)	7.24 mm[.285 in]

Usage Conditions

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

Operating Frequency	38 GHz
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Packaging Features

Packaging Quantity	1
Packaging Method	Package

Other

Coupling Nut Plating Material	Gold
Coupling Nut Base Material	Stainless Steel
Additional Features	Shrink Tubing
Gasket Material	Silicone Rubber
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: JAN 2024 (240) 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

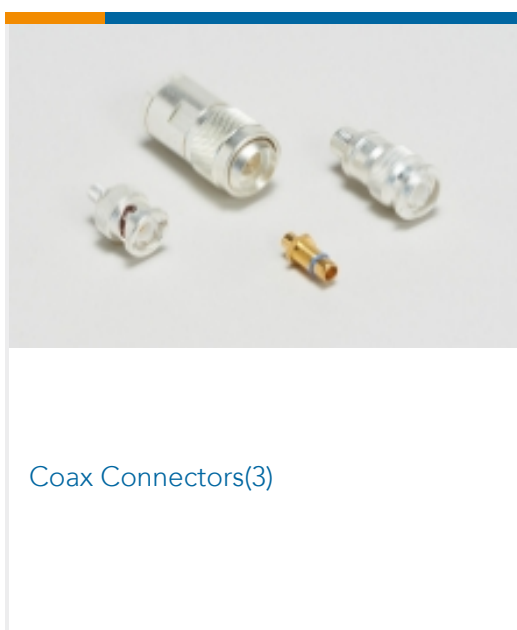
Product Compliance Disclaimer

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



Also in the Series | AMP OSMM



Also in the Series | AMP SSMA

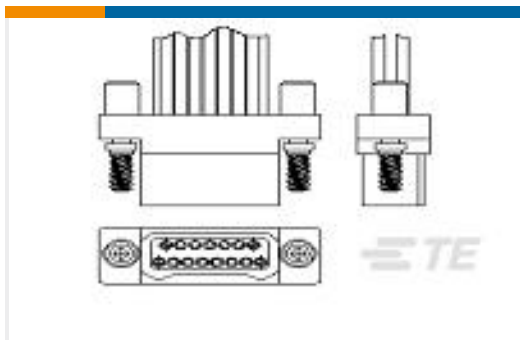
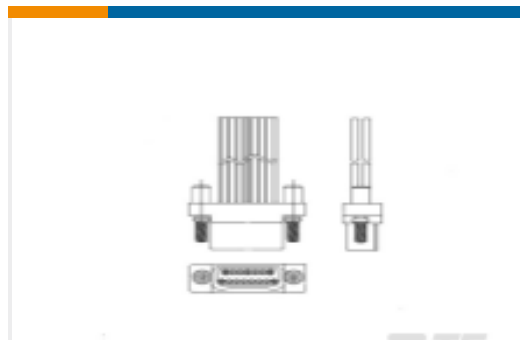


Coax Connectors(15)



Connector Adapters & Connector Savers(2)

Customers Also Bought

TE Part #1589946-6
STM015PC2DC018Q = WdualobeTE Part #4-1589474-8
STM037PC2DC060Q = WDUALOBETE Part #1589306-3
332-0029-25 = BACKSHELL

Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_1045481-1_C.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1045481-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1045481-1_C.3d_stp.zip](#)

English

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

Instruction Sheets

Instruction Sheet (U.S.)

English

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1045481-1](#)