

1408541-1 ✓ ACTIVE



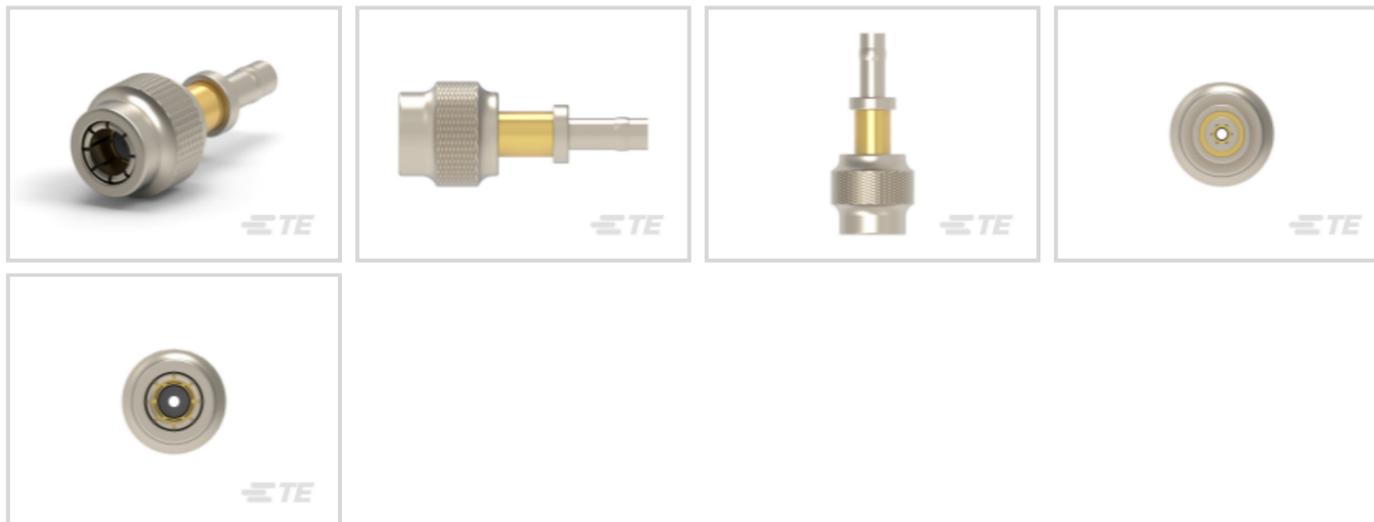
AMP SMA

TE Internal #: 1408541-1

RF Connectors, SMA RF Interface, Plug, 50 Ω , RG 316, Snap-Lock / Retractable Collar, 6 GHz Operating Frequency, Cable-to-Board, 1 Position, 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): **6.35 mm [.25 in]**

Impedance: **50 Ω**

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

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Plug
Compatible With RF Cable Type	RG 316
Connector System	Cable-to-Board
Sealable	No
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
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Body Material	Brass
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Body Plating Material	Nickel
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Contact Features

RF Connector Center Contact Underplating Material	Copper, Nickel
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Ferrule Plating Material	Nickel
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Crimp Type	Hex
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Ferrule Material	Copper Alloy
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RF Connector Center Contact Plating Material	Gold
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RF Connector Center Contact Material	Copper Alloy
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

RF Connector Coupling Mechanism	Retractable Collar, Snap-Lock
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Connector Mounting Type	Panel Mount
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RF Contact Captivation Method	Mechanical
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Detent	Without
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Dimensions

Product Length	30.4 mm[1.197 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	6 GHz
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Packaging Features

Packaging Method	Package
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Other

Coupling Nut Plating Material	Nickel
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Coupling Nut Base Material	Brass
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Dielectric Material	PTFE
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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) Candidate List Declared Against: JUL 2017 (174) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Hand solderable with lead free solder

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 # 6274096-1
JACK ASSEMBLY, ACTION PIN, SMA



TE Part # 1052422-1
2052 0000 02, SMA FM JACK RECPT



TE Part # 1053354-1
2062 0000 00, SMA PCB VERT JACK



TE Part # 1053635-1
2081 0000 02



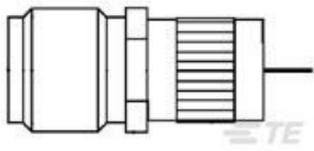

TE Part # 2081005-1
ASSY. SMA JACK PCB EDGE MOUNT



TE Part # 1050999-3
SMA S/T JACK RG195 CABLE, CRIMP END



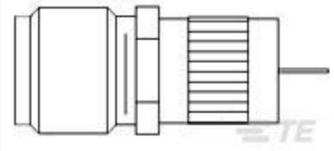
TE Part # 1051933-3
OSM STRAIGHT JACK



TE Part # 1311167-1
2058 5573 36



TE Part # 6086274-1
2234 7388 36



TE Part # 6311167-1
2058 5573 36



TE Part # 1052566-1
2052 1618 02, SMA FM JACK RECPT



TE Part # 1054869-1
2084 0000 02



TE Part # 1052552-1
2052 1352 02, SMA FM JACK RECPT



TE Part # 1052689-1
2052 3502 02, SMA JACK RECPT



TE Part # 1052902-1
2052 5674 02



TE Part # 1053265-1
2058 5329 02



TE Part # 1056462-1
2837 7388 02



TE Part # 1052066-1
2037 5006 00, SMA RA CABLE PLUG



TE Part # 1052075-1
2037 5008 00, SMA RA CABLE PLUG



TE Part # 1056456-1
2837 7316 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

[PUSH ON SMA CABLE PLUG](#)

English

CAD Files

Customer View Model

[ENG_CVM_1408541-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1408541-1_A.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1408541-1_A.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

[SMA Connectors](#)

English

[Snap Lock SMA Datasheet 3-1773447-4](#)

English

Product Specifications

[Product Specification](#)

English



Instruction Sheets

Instruction Sheet (U.S.)

English