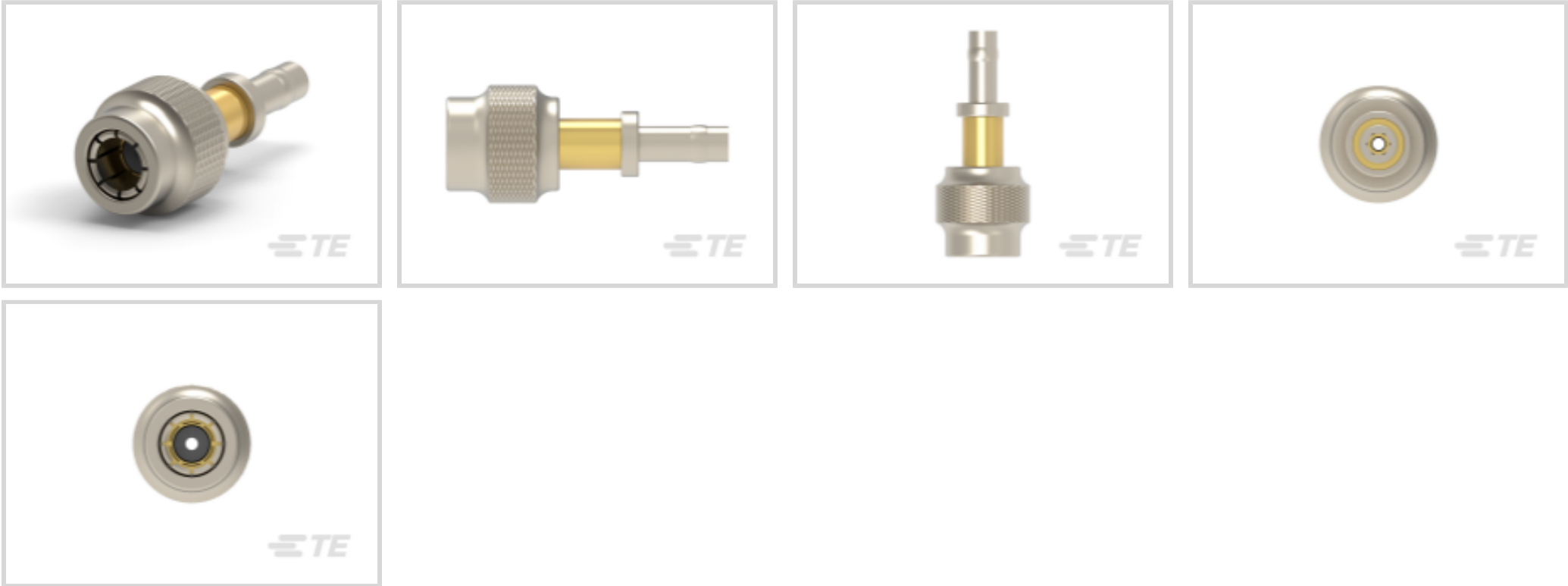


AMP SMA

TE Internal #: 1408541-1
AMP SMA, RF Connectors, SMA RF Interface, Plug, RF Connector
Mated Outer Diameter (Approximate) .25 in [6.35 mm], 50 Ω
[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
Body Plating Material	Nickel

Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

Dimensions

Product Length	30.4 mm[1.197 in]
RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]

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
Coupling Nut Base Material	Brass
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 2021 (211) 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



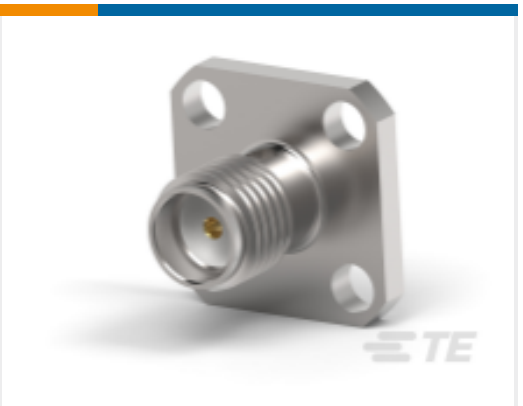
TE Part # 1051644-1
2031 5003 02



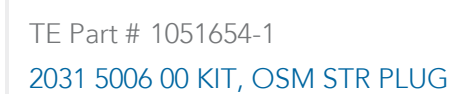
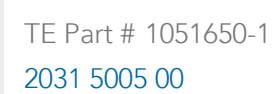
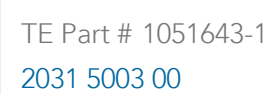
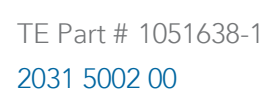
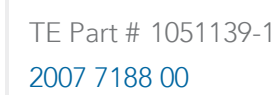
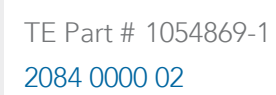
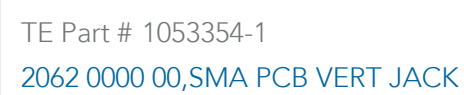
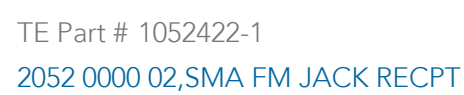
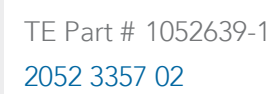
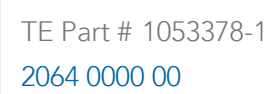
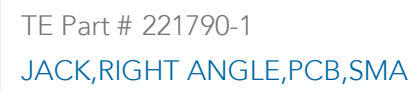
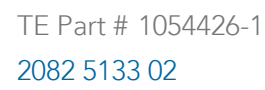
TE Part # 1055070-1
2088 1230 02



TE Part # 221789-1
JACK,PCB,SERIES SMA



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



Also in the Series | **AMP SMA**





In-Series Adapters(35)	Rack & Panel Ferrules & Inserts(1)	RF Cable Assemblies(2)	RF Connector Hardware(2)
RF Connector Launchers(13)	RF Connector Shrouds(10)	RF Connectors(527)	

Customers Also Bought

TE Part #1571983-5 GDH04STR04=DIP SWITCH	TE Part #1376164-1 BATTERY HOLDER ML621 ASSY	TE Part #1571113-4 PRDDD3-16F-BB000=POWER ROCKER	TE Part #1622796-2 YR1 0.1% 100R
TE Part #1-117169-3 CARD GUIDE ECON I	TE Part #1-1622796-6 YR1 0.1% 200R	TE Part #1-765206-7 VERT. HEADER ASSY. .100CL	TE Part #1274694-1 PUSH ON SMA CABLE PLUG, R/A
TE Part #1-87633-0 10 MODI HDR SRST .156CL	TE Part #ZPF000000000139669 M39029/64-369		

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