

AMP SMA

TE Internal #: 1050903-1

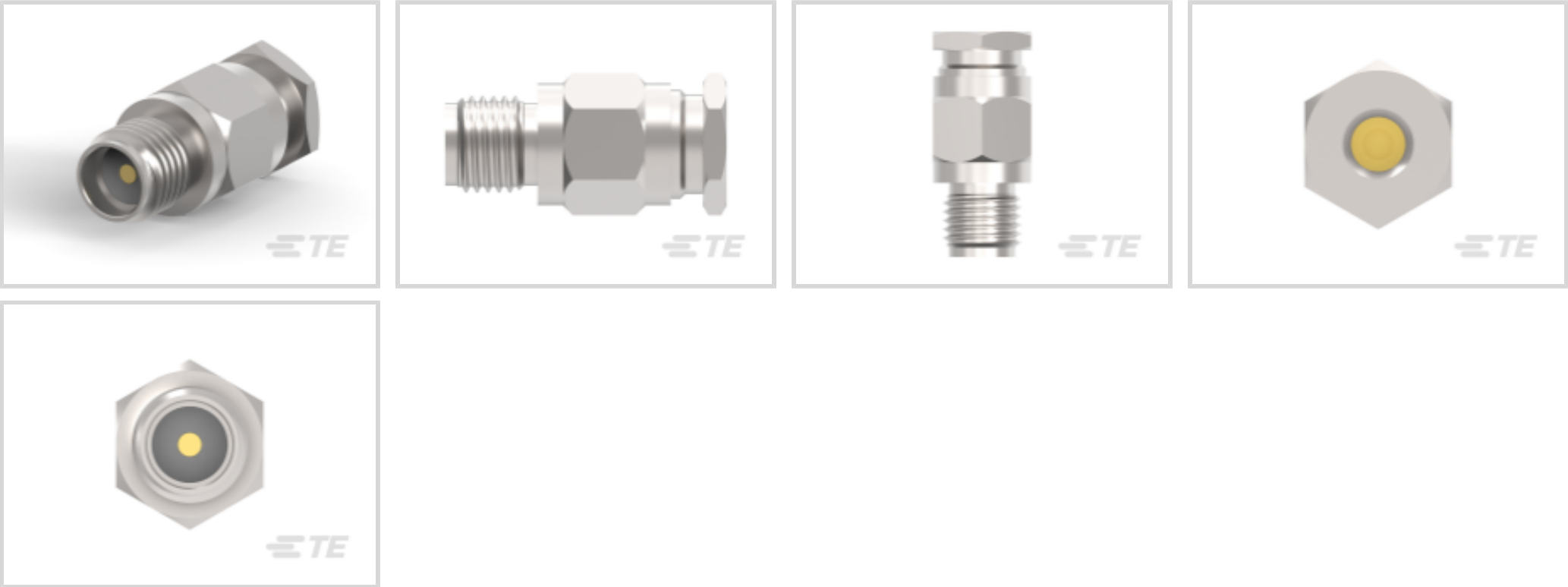
AMP SMA, RF Connectors, SMA RF Interface, Jack, RF Connector

Mated Outer Diameter (Approximate) .25 in [6.35 mm], 50 Ω

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Connectors > RF Coax Connectors > RF Connectors



RF Interface: **SMA**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **6.35 mm [.25 in]**

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 174, RG 188, RG 316**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Jack
Compatible With RF Cable Type	RG 174, RG 188, RG 316
Connector System	Cable-to-Cable
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	Stainless Steel
Body Material Finish	Passivated

Contact Features

RF Connector Center Contact Underplating Material	Copper
RF Connector Contact Configuration	Captivated Contacts
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Wire & Cable	Clamp
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Mechanical Attachment

RF Connector Coupling Mechanism	Retractable Collar
Connector Mounting Type	Cable Mount (Free-Hanging)
RF Contact Captivation Method	Screw
Detent	Without

Dimensions

Product Length	17.78 mm[.7 in]
RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]

Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
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Packaging Features

Packaging Method	Package
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Other

Dielectric Material	TFE Fluorocarbon
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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: JAN 2021 (211) Candidate List Declared Against: JUL 2017 (174)



SVHC > Threshold:
Not Yet Reviewed

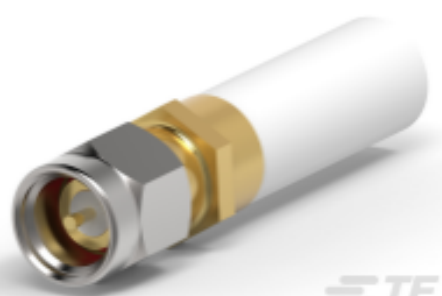
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
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Solder Process CapabilityNot applicable for solder process capability

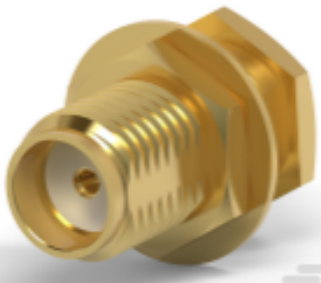
Product Compliance Disclaimer

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.

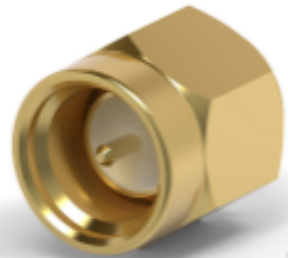
Compatible Parts

 TE Part # 1051644-1 2031 5003 02	 TE Part # 1055070-1 2088 1230 02	 TE Part # 1054874-1 2084 1100 00	 TE Part # 221789-1 JACK,PCB,SERIES SMA
 TE Part # 1052566-1 2052 1618 02,SMA FM JACK RECPT	 TE Part # 1054426-1 2082 5133 02	 TE Part # 221790-1 JACK,RIGHT ANGLE,PCB,SMA	 TE Part # 1054868-1 2084 0000 00

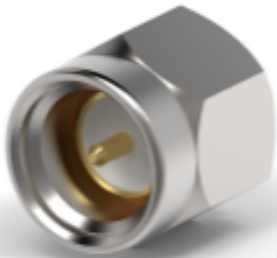




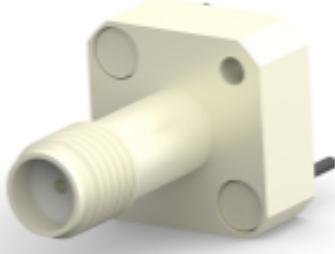
TE Part # 1053072-1
2056 0000 00



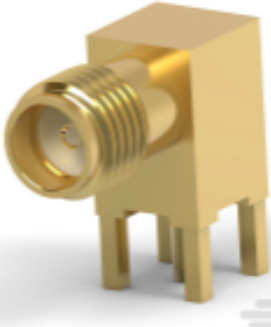
TE Part # 1050547-1
2001 5032 00



TE Part # 1050548-1
2001 5032 02



TE Part # 6274096-1
JACK ASSEMBLY, ACTION PIN, SMA



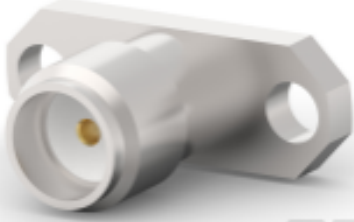
TE Part # 1053378-1
2064 0000 00



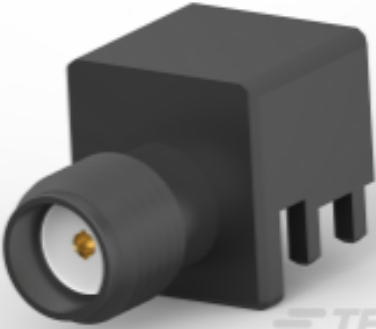
TE Part # 1056443-1
2831 7388 02



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



TE Part # 1052639-1
2052 3357 02



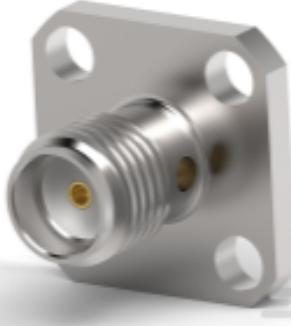
TE Part # 2081005-1
ASSY. SMA JACK PCB EDGE MOUNT



TE Part # 1050611-1
2001 5443 02



TE Part # 1050740-1
2001 7641 02



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

Also in the Series | AMP SMA



Battery Holders(1)



Between Series Adapters(3)



Coax Contacts(1)



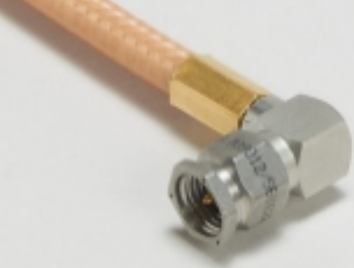
Coax Terminators(1)



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 #1658682-1
D-Sub Crimp Recept Signal 26 Posn, Socket Size 22, Shell Size 2



TE Part #1658681-1
D-Sub Crimp Recept Signal 15 Posn, Socket Size 22, Shell Size 1



TE Part #1658670-2
D-Sub Connector Contacts: Pin, Brass, Signal, Size 22



TE Part #1-530743-4
MINI BOX PIN HDR ASY 40 POS



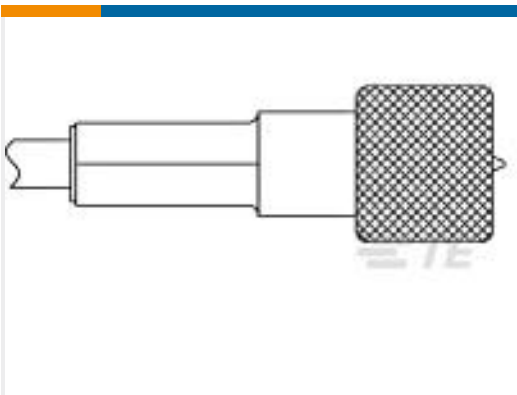
TE Part #1658606-1
IDC D-Sub: Receptacle Assembly, Low Profile, Signal, 2.77 mm



TE Part #1658641-2
D-Sub Crimp: Plug, Signal, 50 Posn, Pin Size 20, Shell Size 5



TE Part #1-84534-1
1.25mm FPC Connectors



TE Part #1466326-1
132-0112-0002=PLUG STR GC-50



TE Part #1-2364573-6
AVH19 FLT SS LK R+P GRN 24V26A



TE Part #YD369-HP33-NS10000
369 HARSH 3 WAY PLUG, CRIMP, SKT

Documents

Product Drawings

2002 7188 02

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1050903-1_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1050903-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1050903-1_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[SMA Connectors](#)

English

Instruction Sheets

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

English