2088 1230 02 ✔ ACTIVE

AMP SMA

TE Part # 1055070-1

TE Internal #: 1055070-1

View on TE.com >

Connectors > RF & Coax Connectors > RF Adapters > In-Series Adapters






RF Connector Type: **SMA**

Body Style: **Right Angle**

RF Connector Center Contact Material: **Beryllium Copper**

RF Connector Center Contact Plating Material: **Gold over Copper**

Impedance: **50 Ω**

Features

Product Type Features

Isolated Ground	No
RF Connector Type	SMA
Connector System	Cable-to-Cable
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1

Electrical Characteristics

Impedance	50 Ω

Signal Characteristics

Frequency	18 GHz

Body Features

Body Insulation	Without
Body Plating Finish	Passivated
Body Material	Stainless Steel

Body Style	Right Angle

Contact Features

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

Mechanical Attachment

Coupling Nut Material	Stainless Steel
RF Contact Captivation Method	Mechanical
Connector Mounting Type	Bulkhead

Dimensions

Length	14.9 mm[.587 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Method	Package

Other

Dielectric Material	TFE Fluorocarbon

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 2019 (197) Candidate List Declared Against: JUL 2017 (174)
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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



RF Connectors(145)

Also in the Series | AMP SMA



Battery Holders(1)



Between Series Adapters(4)



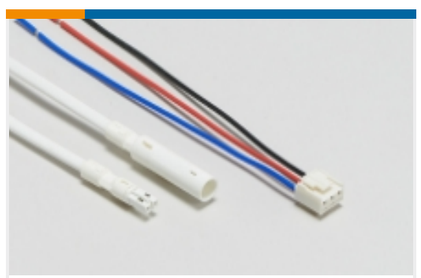
Coax Contacts(1)



Coax Terminators(1)



In-Series Adapters(36)



Power Cable Assemblies(1)



Rack & Panel Ferrules & Inserts(1)



RF Cable Assemblies(20)



RF Connector Hardware(3)



RF Connector Launchers (14)



RF Connector Shrouds(10)

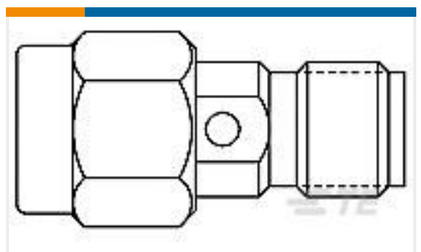


RF Connectors(532)

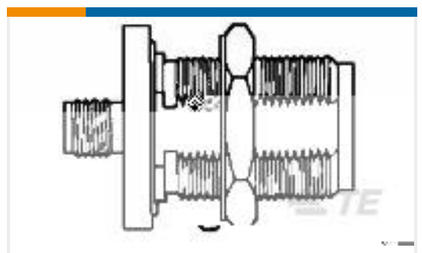
Customers Also Bought



TE Part #1218124-4
37 POS,ASSY,PLUG,LOW PROF,109



TE Part #1054426-1
2082 5133 02



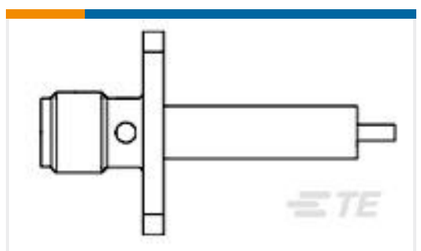
TE Part #1057463-1
3084 2240 00



TE Part #1051643-1
2031 5003 00



TE Part #1052522-1
2052 1201 00,SMA FM JACK RECPT



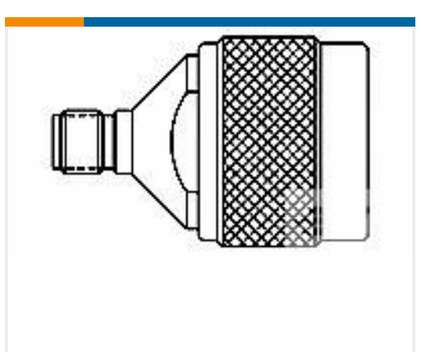
TE Part #1052551-1
2052 1352 00,SMA FM JACK RECPT



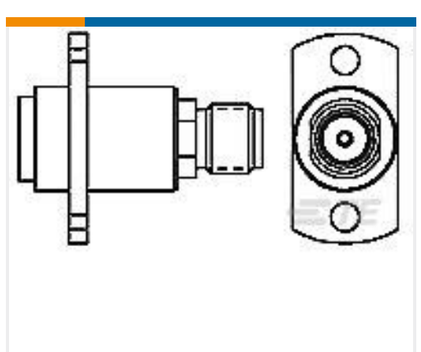
TE Part #1053635-1
2081 0000 02



TE Part #1055047-1
2087 1230 02



TE Part #1057377-1
3082 2240 00,ADAPTER,N TO SMA



TE Part #1059731-1
4584 2242 02

Documents

Product Drawings

2088 1230 02

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1055070-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1055070-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1055070-1_B.3d_stp.zip

English

Product Specifications

Product Specification

English

Product Environmental Compliance

TE Material Declaration

English