1052552-1 ✔ ACTIVE

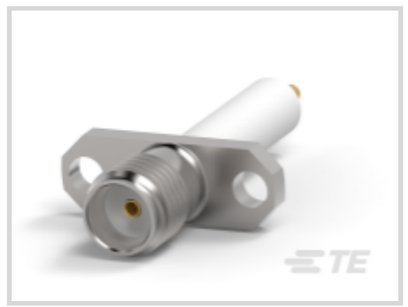
AMP SMA

TE Internal #: 1052552-1

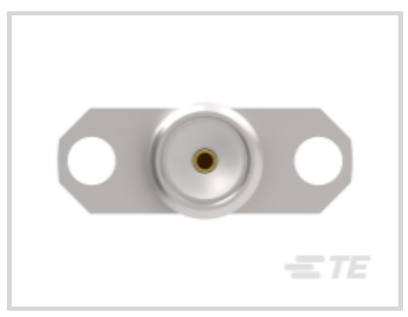
AMP SMA, RF Connectors, SMA RF Interface, Jack, RF Connector Mated Outer Diameter (Approximate) .25 in [6.35 mm], 50 Ω, Threaded

View on TE.com >

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**

RF Connector Coupling Mechanism: **Threaded**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Jack
Connector System	Cable-to-Panel
Sealable	No

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω

Body Features

Cable Connector Orientation	Straight
Body Material	Stainless Steel
Body Material Finish	Passivated

Body Plating Material	Gold

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	Solder

Mechanical Attachment

Panel Attachment Style	Rear Mount
Panel Mount Feature Type	Flange
RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Epoxy
Detent	Without

Dimensions

Product Length	27.41 mm[1.0791 in]
RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]

Usage Conditions

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

Operation/Application

Operating Frequency	18 GHz

Packaging Features

Packaging Method	Bag

Other

Number of Panel Mounting Holes	2
Dielectric Material	PTFE

Product Compliance

For compliance documentation, visit the product page on TE.com>

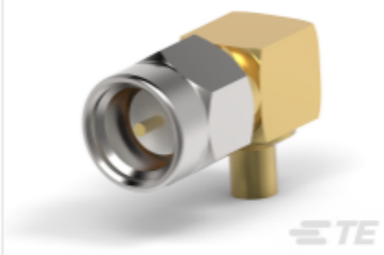
EU RoHS Directive 2011/65/EU	Compliant with Exemptions

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 2020 (205) Candidate List Declared Against: JAN 2020 (205) Pb (.6% in Component Part)
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2020 (205)
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Pin-in-Paste capable to 260°C

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.

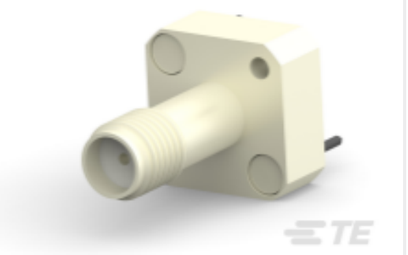
Compatible Parts



TE Model / Part # 1051114-1
2007 5055 02,OSM CABLE PLUG

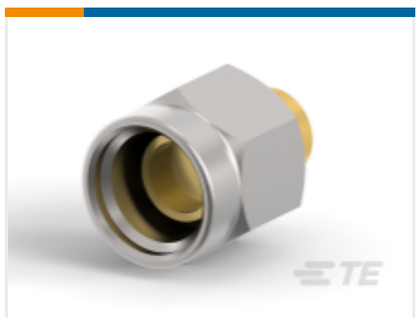
TE Model / Part # 1053261-1
2058 5328 02

TE Model / Part # 1051639-1
2031 5002 02



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

TE Model / Part # 1050740-1
2001 7641 02



TE Model / Part # 1050542-1
2001 5031 02

TE Model / Part # 1051933-1
2034 5005 00

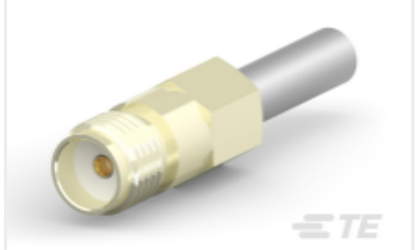
TE Model / Part # 5447650-3
BULKHEAD JACK, SMA, HEX CRIMP

TE Model / Part # 6053226-1
2058 5119 00, SMA

TE Model / Part # 1051654-1
2031 5006 00 KIT, OSM STR PLUG

TE Model / Part # 1050854-1
2002 5015 00

TE Model / Part # 1056227-1
2701 7941 00

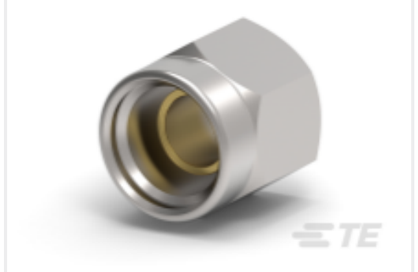


TE Model / Part # 5447648-3
JACK, SMA, HEX CRIMP COMM

TE Model / Part # 1050541-1
2001 5031 00

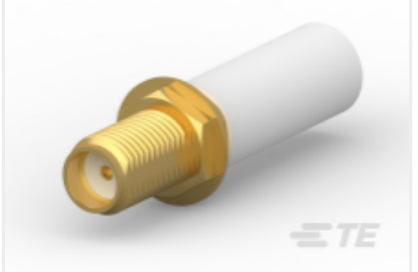
TE Model / Part # 5447647-1
PLUG, SMA, HEX CRIMP COMM

TE Model / Part # 1052098-1
2037 5100 02



TE Model / Part # 1050757-1
2001 7941 02

TE Model / Part # 1051638-1
2031 5002 00



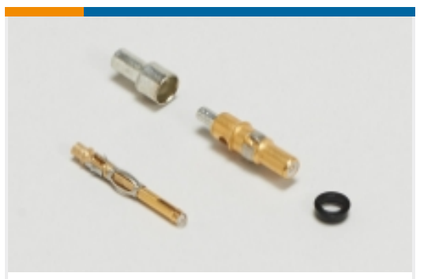
TE Model / Part # 1051942-1
2034 5008 00,SMA FT CABLE JACK

TE Model / Part # 1051650-1
2031 5005 00

Also in the Series | AMP SMA

Battery Holders(1)

Between Series Adapters(4)



Coax Contacts(1)

Coax Terminators(1)

In-Series Adapters(35)

Rack & Panel Ferrules & Inserts(1)

RF Cable Assemblies(2)

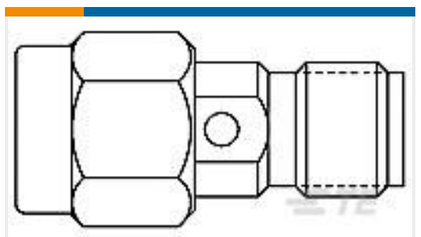
RF Connector Hardware(2)

RF Connector Launchers(13)

RF Connector Shrouds(10)

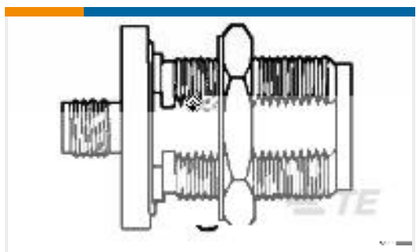
RF Connectors(528)

Customers Also Bought



TE Model / Part #1054426-1
2082 5133 02

TE Model / Part #1052634-1
2052 3356 02



TE Model / Part #1057463-1
3084 2240 00

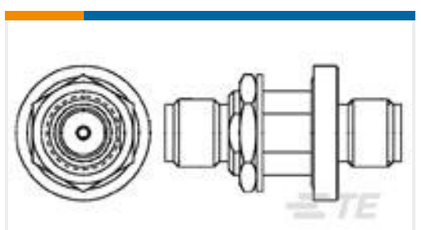
TE Model / Part #1052522-1
2052 1201 00,SMA FM JACK RECPT

TE Model / Part #1054869-1
2084 0000 02

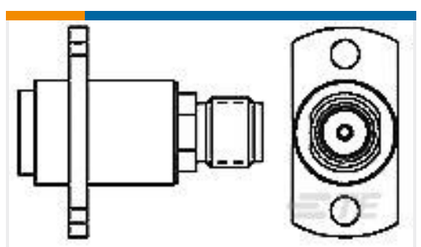
TE Model / Part #1052523-1
2052 1201 02,SMA FM JACK RECPT

TE Model / Part #1052902-1
2052 5674 02

TE Model / Part #1058117-1
3284 2240 00



TE Model / Part #1054875-1
2084 1100 02



TE Model / Part #1059731-1
4584 2242 02

Documents

Product Drawings

2052 1352 02,SMA FM JACK RECPT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1052552-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1052552-1_A.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1052552-1_A.2d_dxf.zip

English

Datasheets & Catalog Pages

SMA Connectors

English

Product Environmental Compliance

TE Material Declaration

English