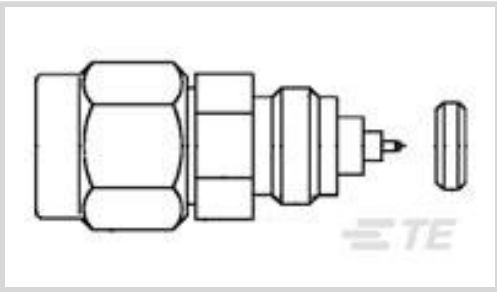




AMP SMA

TE Internal #: 1053128-1
AMP SMA, RF Connectors, SMA RF Interface, Plug, 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: **Plug**
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	Plug
Connector System	Cable-to-Panel
Sealable	Yes
Connector Seal Type	Gasket, Hermetically Sealed

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
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

Mechanical Attachment

Panel Attachment Style	Front Mount
Panel Mount Feature Type	Threads
RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Panel Mount
Detent	Without

Dimensions

Product Length	18.1 mm[.712 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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Operation/Application

Operating Frequency	18 GHz
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Packaging Features

Packaging Method	Package
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Other

Comment	Hermetically Sealed
Coupling Nut Plating Finish	Passivated
Gasket Material	Silicone Rubber, Steel
Coupling Nut Base Material	Stainless Steel
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 2021 (211) Candidate List Declared Against: DEC 2014 (161)



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 CapabilityPin-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 Part # 1055070-1 2088 1230 02	 TE Part # 1052566-1 2052 1618 02,SMA FM JACK RECPT	 TE Part # 1053221-1 2058 5029 00	 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 # 1053378-1 2064 0000 00



TE Part # 1052639-1
2052 3357 02



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



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



TE Part # 1054869-1
2084 0000 02



TE Part # 1050854-1
2002 5015 00



TE Part # 1050859-1
2002 5016 00



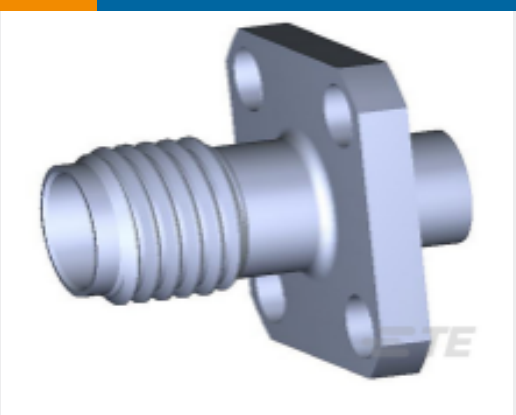
TE Part # 1051001-1
2004 7541 00



TE Part # 1051013-1
2004 7941 00



TE Part # 1051049-1
2006 5012 00



TE Part # 1051081-1
2006 7941 00



TE Part # 1051151-1
2007 7941 02,SMA RA CABLE PLUG



TE Part # 1051933-1
2034 5005 00

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



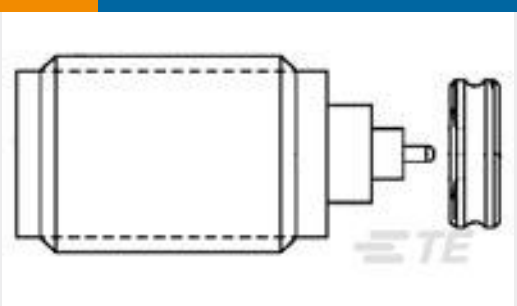
TE Part #1532209-1
M83513/01-AN, MCKS-N1-B-9PS



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



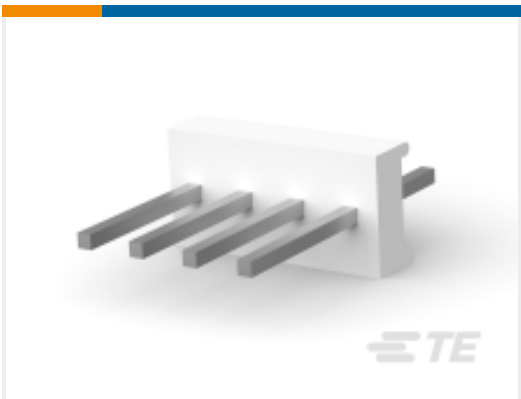
TE Part #1059404-1
4503 7985 00,OSP CABLE PLUG



TE Part #1053227-1
2058 5119 02,SMA FEEDTHROUGH



TE Part #1-2199299-5
DIP Socket: Standard, Stamped & Formed, Open, Tin



TE Part #1-640456-1
Polyester Vertical PCB Header: 2.54 mm, Unshrouded, No Mating Alignment



TE Part #YDTS20Z25-35BNV001
D38999: Square Flange, 25-35 insert



TE Part #1-794612-1
PIN CONT 20-24 15 GOLD L/P



TE Part #1-830611-3
LGH 1/2 MLD END LEAD ASY



TE Part #1617131-7
JMSW-5XM = M39016/11-017M

Documents

Product Drawings

2057 5119 02

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1053128-1_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1053128-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1053128-1_A.3d_stp.zip](#)

English

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

Instruction Sheets

[OSCS Panel Feedthrough Hermetic Plug Receptacle Compression Seal With Gasket 1053130-1, 1089683-1, 1329180-1, 1053127-1, and 1053128-1](#)

English

Instruction Sheet (U.S.)

English