

1053182-1 ✓ ACTIVE



AMP SMA

TE Internal #: 1053182-1

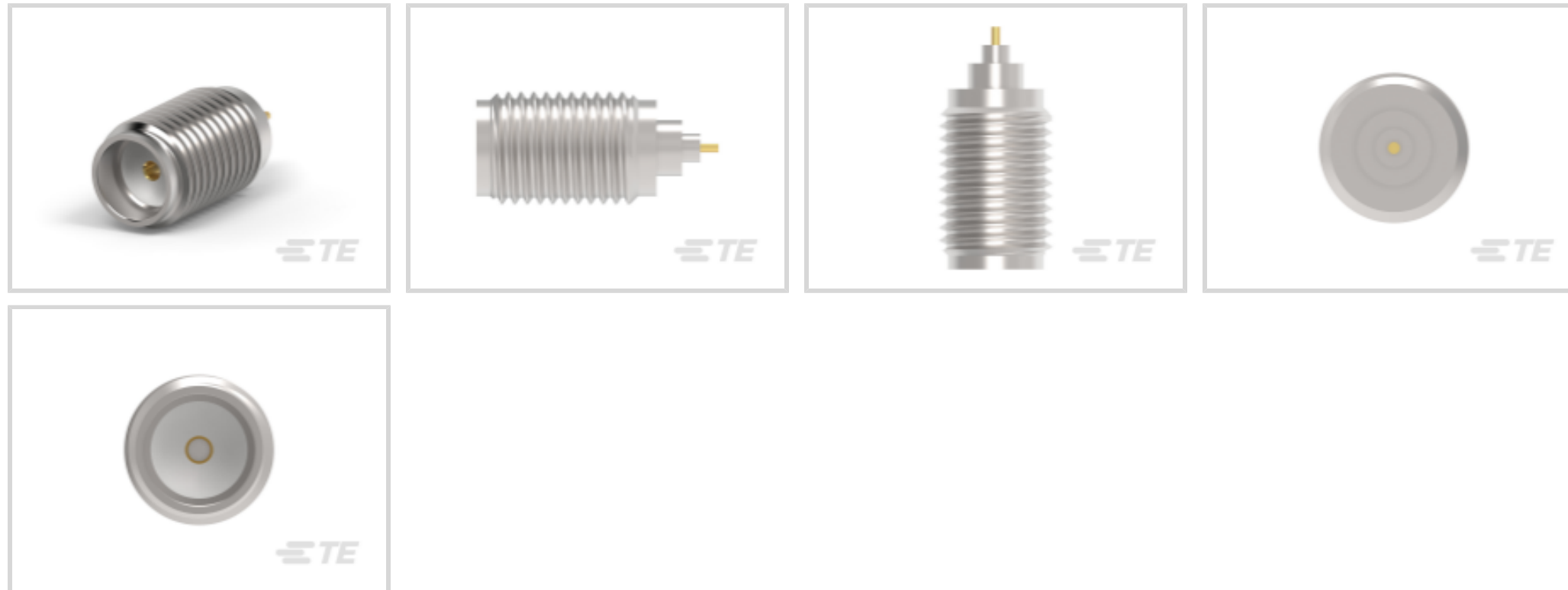
AMP SMA, RF Connectors, SMA RF Interface, Jack, RF Connector

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	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
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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, Rear Mount
RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Panel Mount
Detent	Without

Dimensions

Product Length	11.5 mm [.453 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	18 GHz
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Packaging Features

Packaging Method	Package
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Other

Comment	Captured Center Contact, Hermetically Sealed
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: JUN 2020 (209)



Candidate List Declared Against: JAN 2020 (205)

Pb (.6% in Component Part)

Article Safe Usage Statements:

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Model / Part # 1050547-1
2001 5032 00



TE Model / Part # 1053072-1
2056 0000 00



TE Model / Part # 1051110-1
2007 5054 02



TE Model / Part # 1050542-1
2001 5031 02



TE Model / Part # 1051665-1
2031 5012 02



TE Model / Part # 1052534-1
2052 1300 02



TE Model / Part # 1056462-1
2837 7388 02



TE Model / Part # 1050541-1
2001 5031 00



TE Model / Part # 1051933-1
2034 5005 00



TE Model / Part # 1053514-1
2080 5055 02



TE Model / Part # 1050757-1
2001 7941 02



TE Model / Part # 1050854-1
2002 5015 00



TE Model / Part # 1056436-1
2831 7316 02



TE Model / Part # 447647-3
PLUG, SMA, HEX CRIMP COMM



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



TE Model / Part # 1050766-1
2001 7947 00



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



TE Model / Part # 1053489-1
2080 0000 02




TE Model / Part # 1051643-1
2031 5003 00




TE Model / Part # 1051638-1
2031 5002 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)

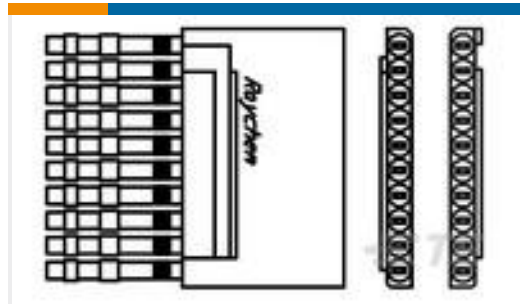


RF Connectors(528)

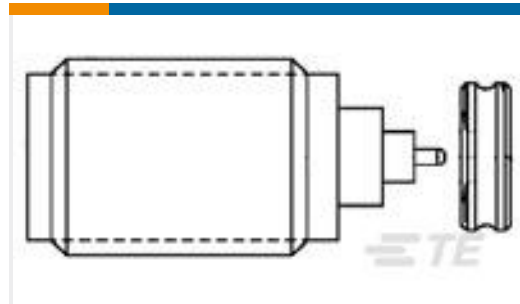
Customers Also Bought



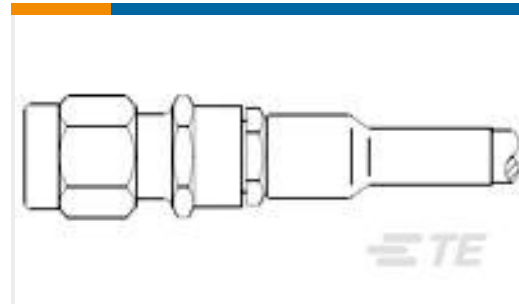
TE Model / Part #1054881-1
2084 1900 02



TE Model / Part #860032-000
MTC100-YB1-009



TE Model / Part #1053256-1
2058 5305 00



TE Model / Part #1051686-1
2031 5102 00



TE Model / Part #6059628-1
4557 5066 02,OSP PANEL PLUG



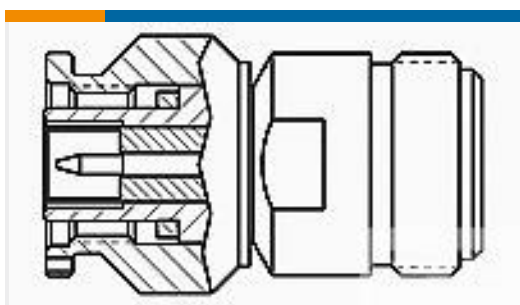
TE Model / Part #YDTS20F13-
98HNV001
RECP ASSY



TE Model / Part #204517-3
AMPLIMITE,ASY,PLUG,STD,90,3,KIT



TE Model / Part #1410714-2
MULTIGIG RT GUIDE 7.2MM



TE Model / Part #1484244-1
ADAPTER, TNC PLUG TO N JACK
3682 2311 02



TE Model / Part #204515-3
AMPLIMITE,ASY,PLUG,STD,90,2,KIT

Documents

Product Drawings

[2058 3415 02](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1053182-1_A.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_1053182-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1053182-1_A.3d_stp.zip](#)

English

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Instruction Sheets

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

English