



**AMP SMA**

TE Internal #: 1053128-1

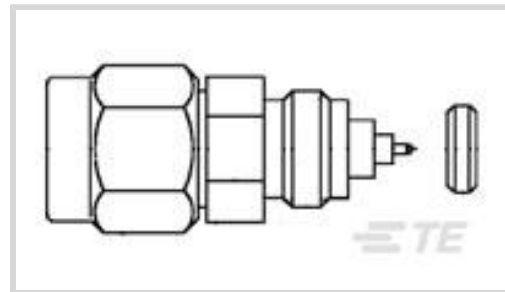
AMP SMA, RF Connectors, SMA RF Interface, Plug, RF Connector

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
-----------	------

**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]
-----------------------------	-----------------------------

### Operation/Application

Operating Frequency	18 GHz
---------------------	--------

### Packaging Features

Packaging Method	Package
------------------	---------

### 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: JUN 2020 (209) Candidate List Declared Against: DEC 2014 (161)



Does not contain REACH SVHC

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 # 1053072-1  
2056 0000 00



TE Model / Part # 1051049-1  
2006 5012 00



TE Model / Part # 1052874-1  
2052 5085 02



TE Model / Part # 1052534-1  
2052 1300 02



TE Model / Part # 1051933-1  
2034 5005 00



TE Model / Part # 1053514-1  
2080 5055 02



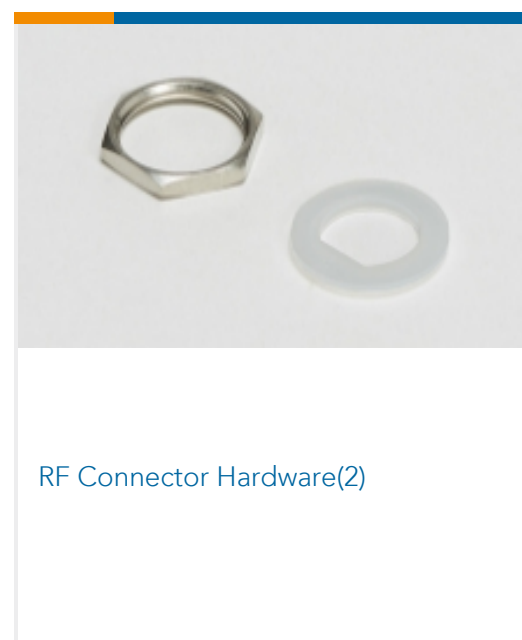
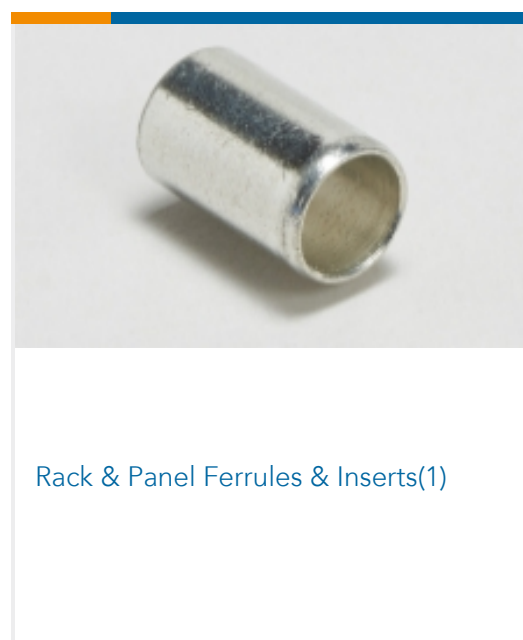
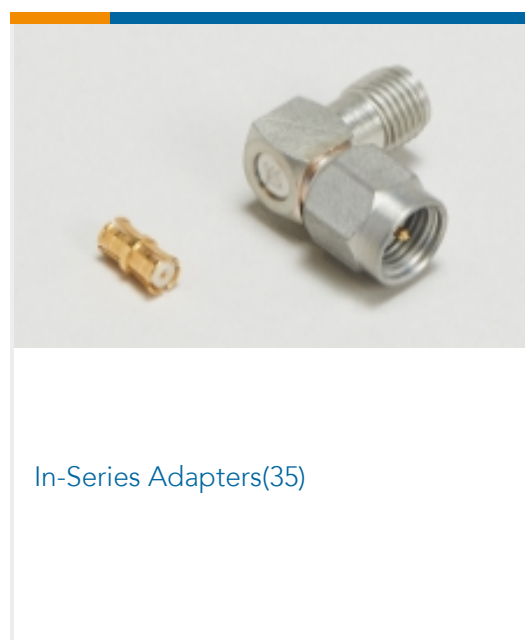
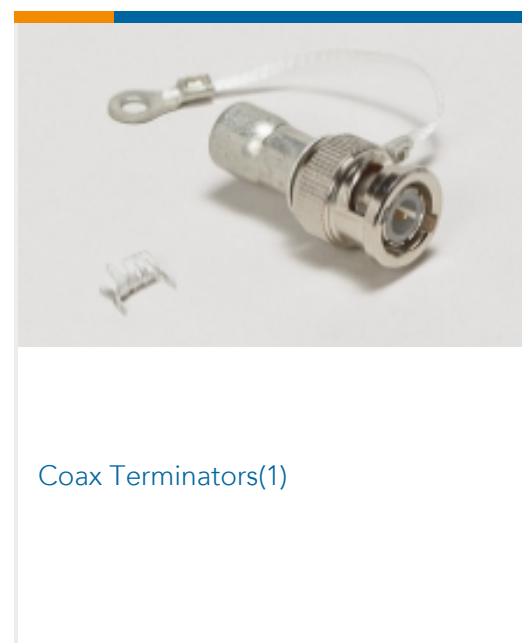
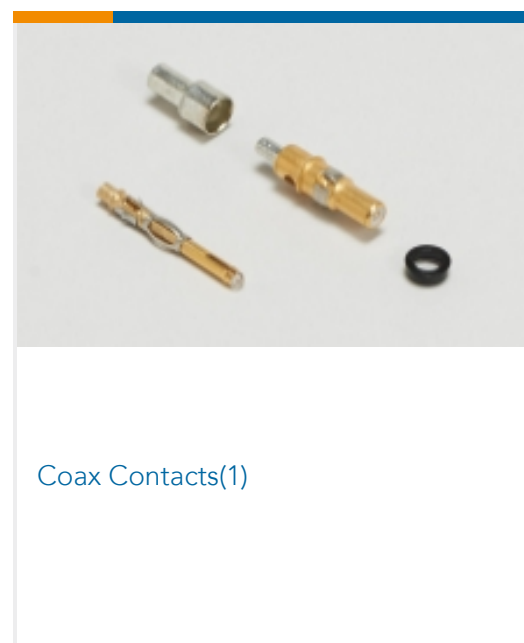
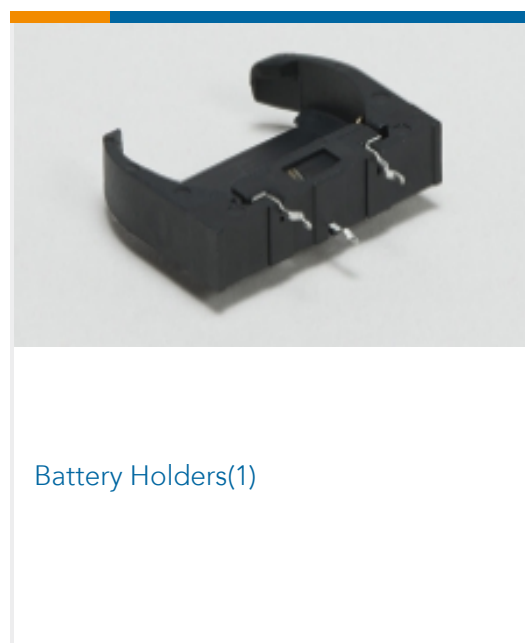
TE Model / Part # 1050854-1  
2002 5015 00



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



## Also in the Series | AMP SMA







RF Connector Launchers(13)



RF Connector Shrouds(10)

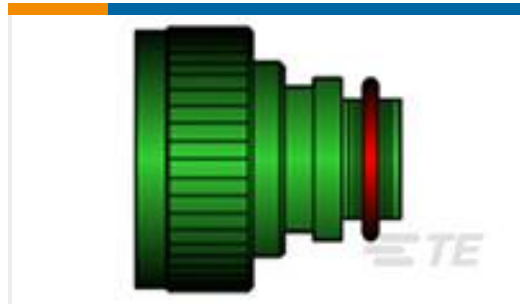


RF Connectors(528)

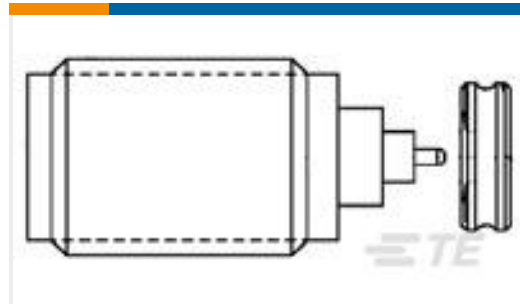
## Customers Also Bought



TE Model / Part #1617530-1  
FW1109D00=2020 FW RELAY



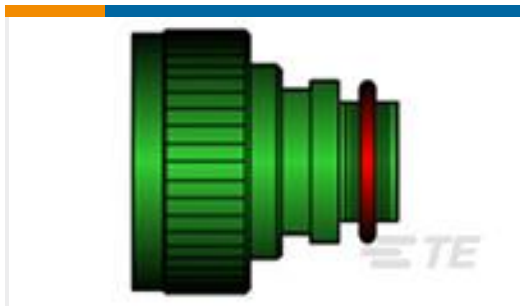
TE Model / Part #007435-000  
TXR40AB00-2016BI



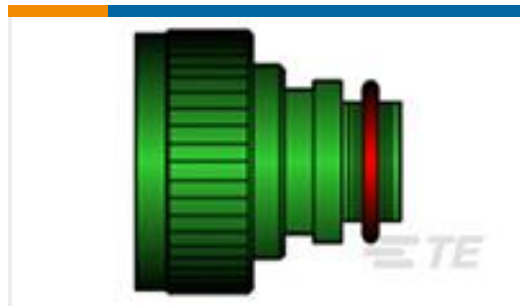
TE Model / Part #1053227-1  
2058 5119 02,SMA FEEDTHROUGH



TE Model / Part #625003-000  
D-136-02



TE Model / Part #046753-000  
TXR40AB00-2218BI



TE Model / Part #514685-000  
TXR40AB00-2410BI



TE Model / Part #  
YDTS32Z21RV0010000  
CAP ASSEMBLY



TE Model / Part #CB5144-000  
HRSR-125FR-10/226



TE Model / Part #626024-000  
D-711-04



TE Model / Part #YDTS20Z25-  
35BNV001  
RECP ASSY

## Documents

### Product Drawings

[2057 5119 02](#)

English

### CAD Files

[3D PDF](#)

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_1053128-1\\_A.2d\\_dxf.zip](#)

1053128-1

AMP SMA, RF Connectors, SMA RF Interface, Plug, RF Connector Mated Outer Diameter (Approximate) .25 in [6.35 mm], 50  $\Omega$ , Threaded



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