

1052981-1 ✓ ACTIVE



AMP SMA

TE Internal #: 1052981-1

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

Mated Outer Diameter (Approximate) .25 in [6.35 mm], 50 Ω,

Threaded

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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 | Right Angle |
| Body Material | Stainless Steel |
| Body Material Finish | Plated |
| 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 |

Mechanical Attachment

| | |
|---------------------------------|-------------|
| Panel Attachment Style | Front Mount |
| Panel Mount Feature Type | Flange |
| RF Connector Coupling Mechanism | Threaded |
| Connector Mounting Type | Panel Mount |
| RF Contact Captivation Method | Mechanical |
| Detent | Without |

Dimensions

| | |
|---|-----------------|
| Product Length | 29 mm[1.142 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 | Carton |
|------------------|--------|

Other

| | |
|--------------------------------|------------------|
| Comment | High frequency. |
| Number of Panel Mounting Holes | 4 |
| 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: JAN 2021 (211) SVHC > Threshold: 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 Part # 1051644-1
2031 5003 02

TE Part # 221789-1
JACK,PCB,SERIES SMA

TE Part # 1050547-1
2001 5032 00

TE Part # 1050548-1
2001 5032 02

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

TE Part # 1056443-1
2831 7388 02

TE Part # 1050525-1
2001 5003 02,SMA CABLE PLUG

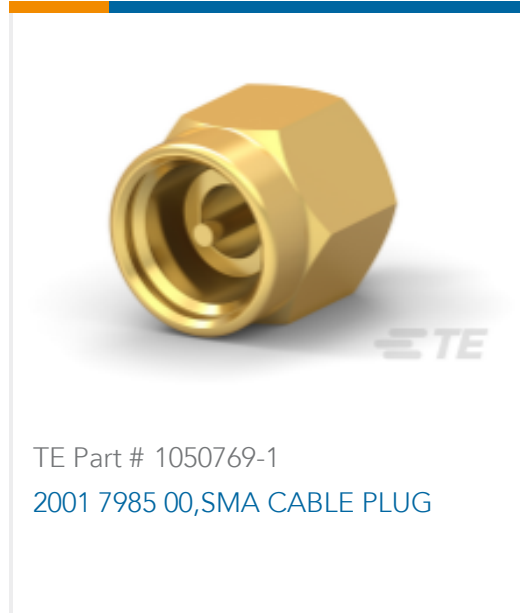
TE Part # 2081005-1
ASSY. SMA JACK PCB EDGE MOUNT

TE Part # 1050611-1
2001 5443 02

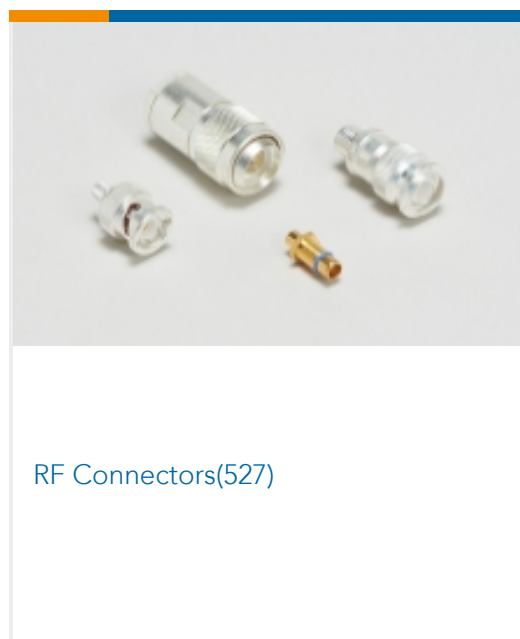
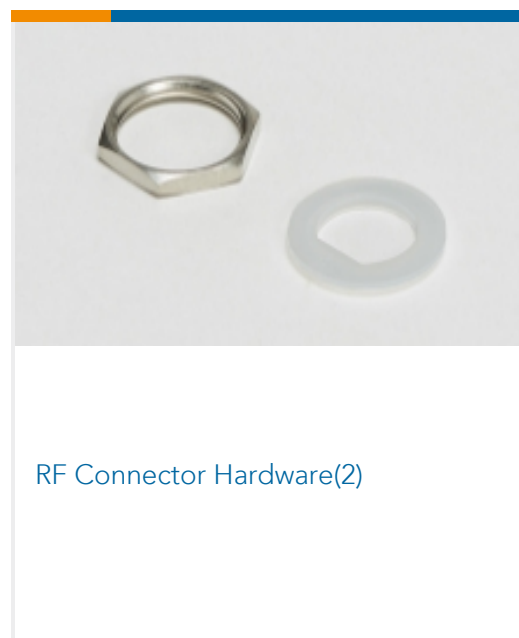
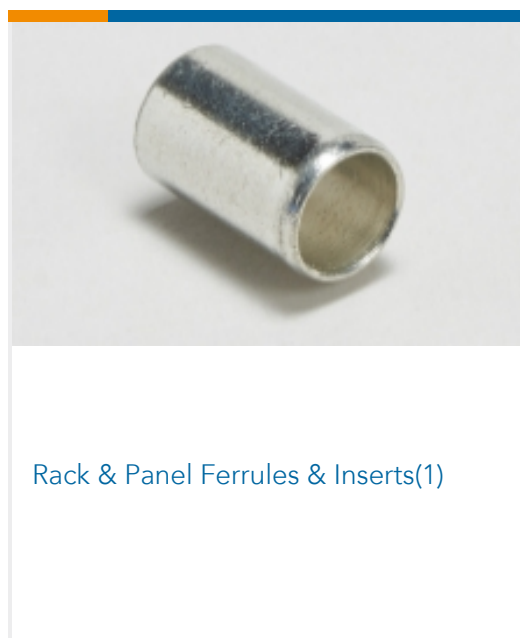
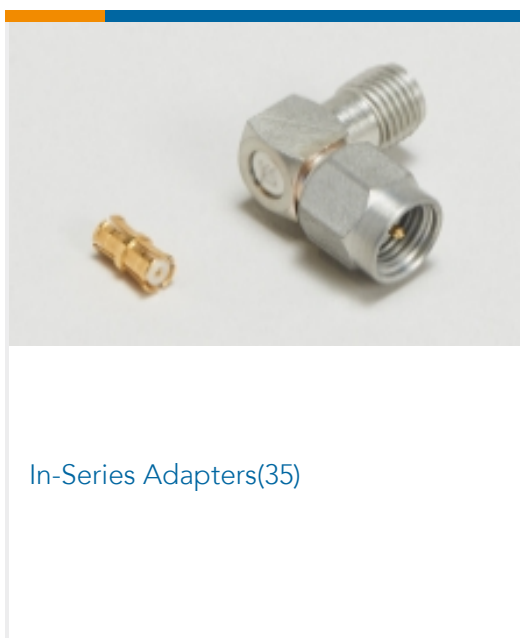
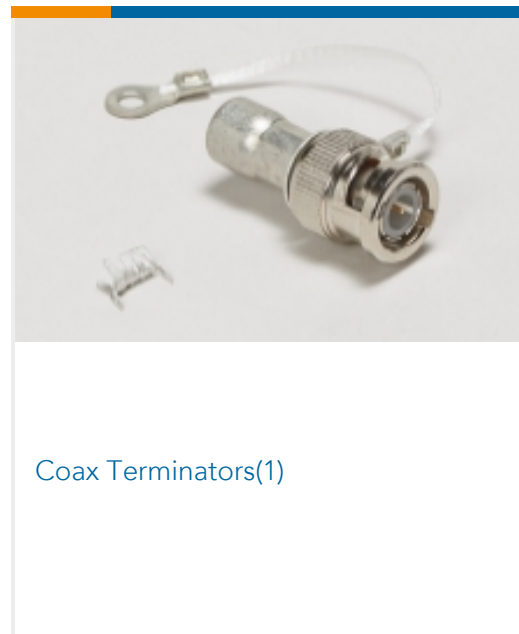
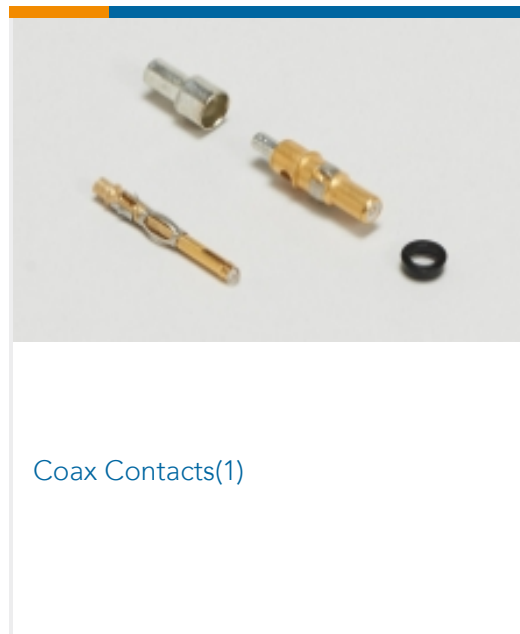
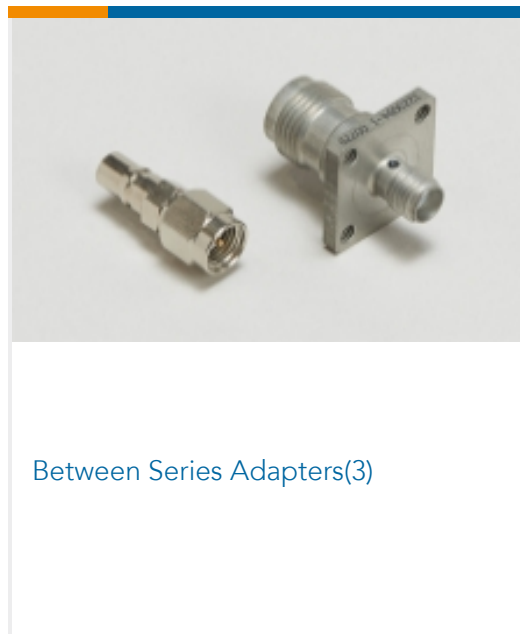
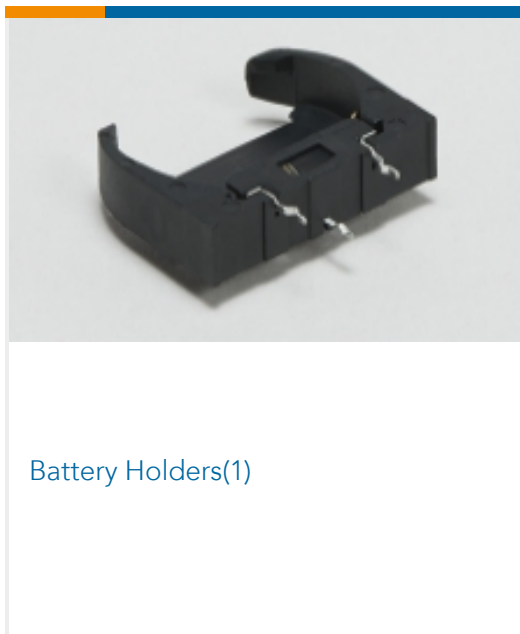
TE Part # 1050740-1
2001 7641 02

TE Part # 1050770-1
2001 7985 02,SMA CABLE PLUG

TE Part # 1050524-1
2001 5003 00,SMA CABLE PLUG



Also in the Series | AMP SMA



Customers Also Bought



TE Part #1050740-1
2001 7641 02



TE Part #1051049-1
2006 5012 00



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



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



TE Part #1052689-1
2052 3502 02,SMA JACK RECPT



TE Part #1053222-1
2058 5029 02



TE Part #1055064-1
2088 0000 00



TE Part #1-2176311-7
RP 1E 0.1W 1K69 0.1% 25PPM 1K RL



TE Part #YDTS26W15-15SNV001
D38999: Straight Plug, 15-15 Insert



TE Part #1-456404-6
CRIMPER WIRE .070 F

Documents

Product Drawings

[2054 1231 00](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1052981-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1052981-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1052981-1_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

1052981-1

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Diameter (Approximate) .25 in [6.35 mm], 50 Ω , Threaded



SMA Connectors

English