

1052422-1 ✓ ACTIVE



AMP SMA

TE Internal #: 1052422-1

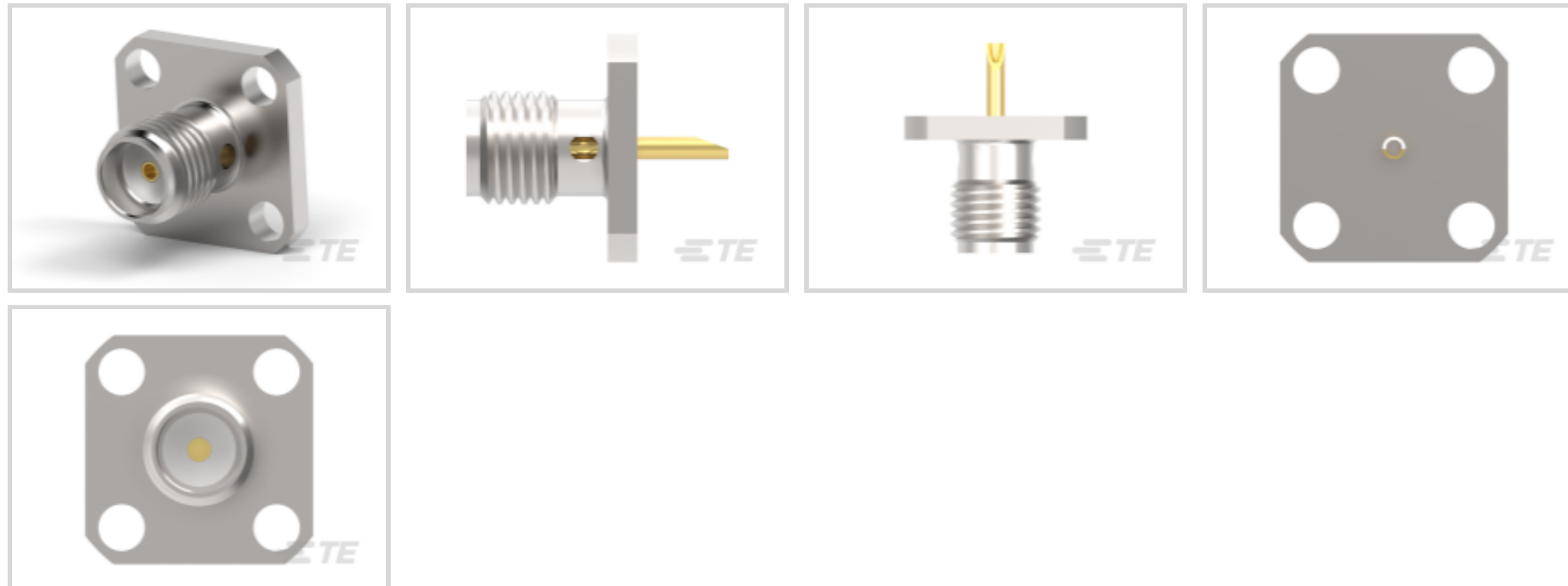
AMP SMA, RF Connectors, SMA RF Interface, Jack, RF Connector

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 |

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 | 9.53 mm [.375 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

| | |
|--------------------------------|------------------|
| 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

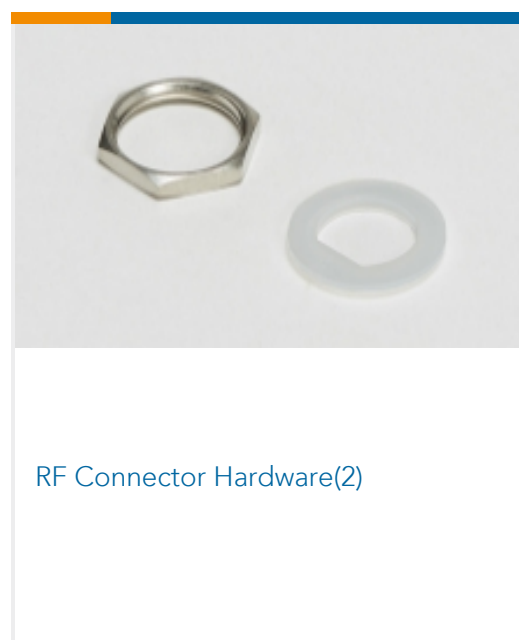
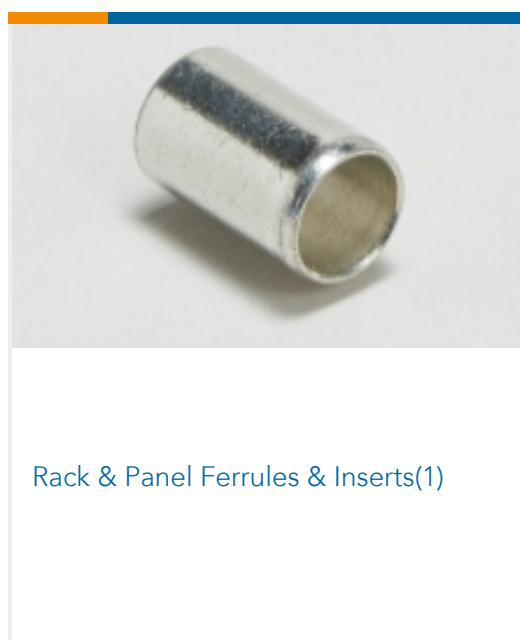
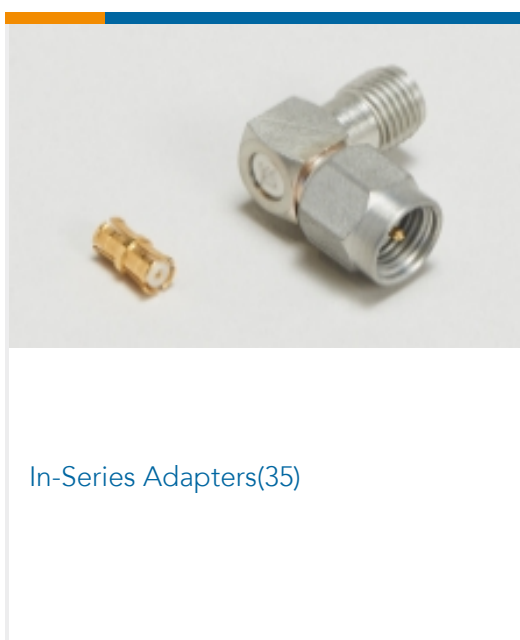
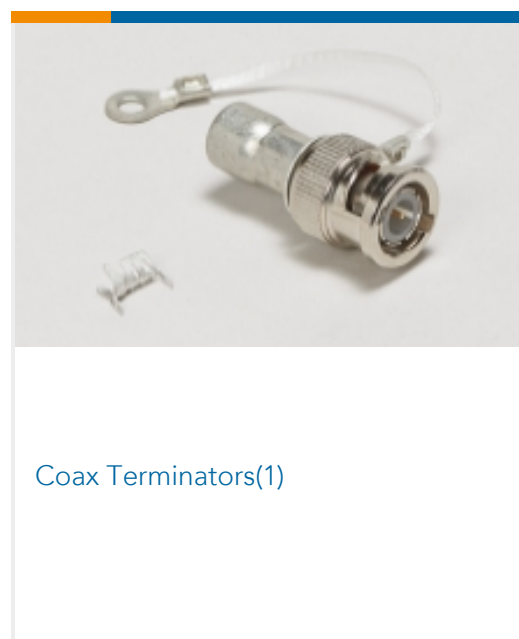
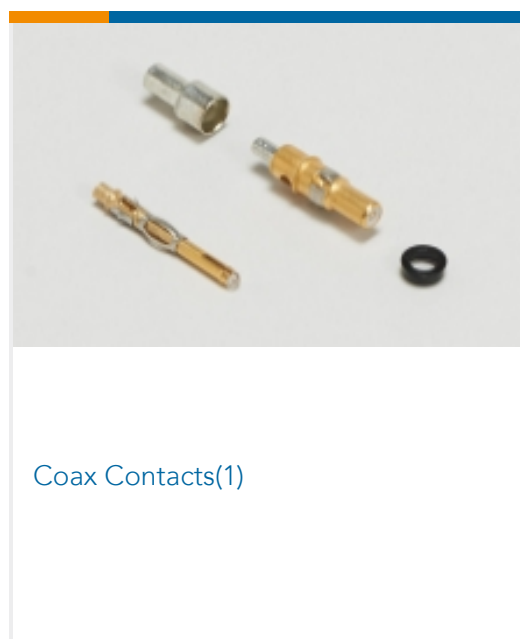
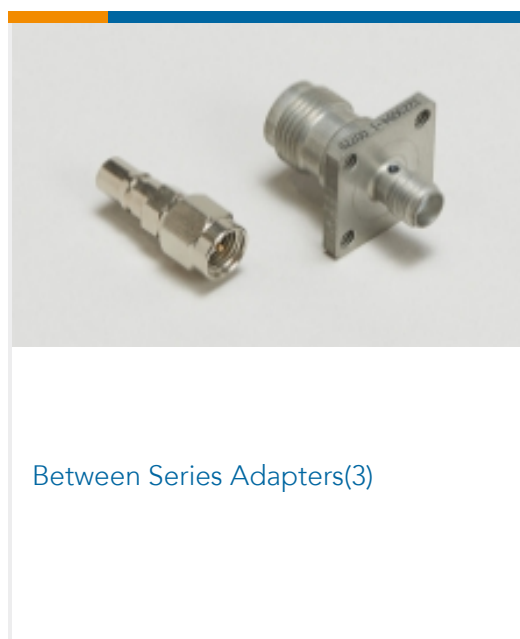
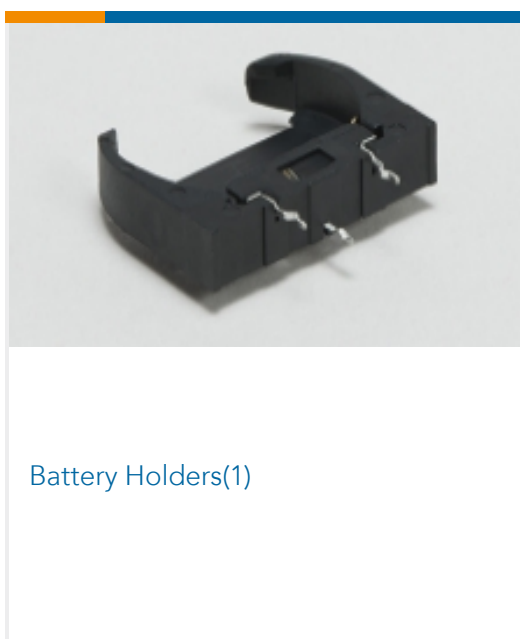
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1052639-1 2052 3357 02 |



Also in the Series | AMP SMA





RF Connector Launchers(13)

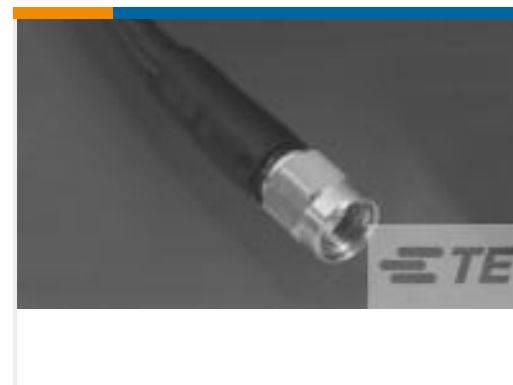
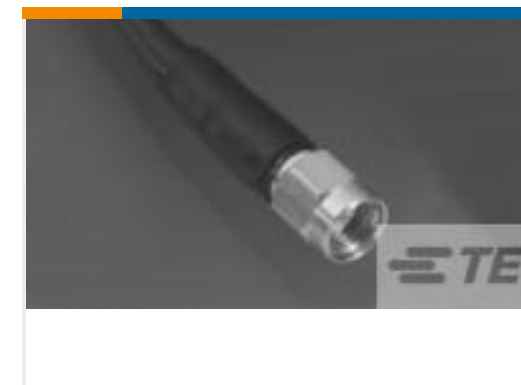


RF Connector Shrouds(10)



RF Connectors(527)

Customers Also Bought

TE Part #1-2007492-8
SFP+ Stacked Cage AssembliesTE Part #1-1469491-2
MULTIGIG RT GUIDE PIN, 9MM 2.60TE Part #1051638-1
2031 5002 00TE Part #1051639-1
2031 5002 02TE Part #1052067-1
2037 5006 02,SMA RA CABLE PLUGTE Part #1052523-1
2052 1201 02,SMA FM JACK RECPTTE Part #1052533-1
2052 1300 00,SMA FM JACK RECPTTE Part #1052552-1
2052 1352 02,SMA FM JACK RECPTTE Part #1-2186503-1
T3224-SWARE-PRINTERTE Part #YDTS24F15-05SAV001
D38999: Jam Nut, 15-05 Insert

Documents

Product Drawings

[2052 0000 02,SMA FM JACK RECPT](#)

English

CAD Files

Customer View Model

[ENG_CVM_1052422-1_A.3d_igs.zip](#)

English

Customer View Model



[ENG_CVM_1052422-1_A.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1052422-1_A.2d_dxf.zip](#)

English

3D PDF

English

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

Datasheets & Catalog Pages

SMA Connectors

English