



AMP SMA

TE Internal #: 1-1478963-0

SMA RF Interface, Receptacle, 50 Ω, Threaded, 26 GHz Operating Frequency, Cable-to-Panel, 1 Position, Panel Mount, AMP SMA

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Connectors > RF Connectors > Coax Connectors



RF Interface: **SMA**

RF Connector Style: **Receptacle**

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 | Receptacle |
| 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 | 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 |

Termination Features

| | |
|------------------------------------|-----------------|
| Termination Method to Wire & Cable | Solder Terminal |
|------------------------------------|-----------------|

Mechanical Attachment

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

Dimensions

| | |
|---|------------------|
| Product Length | 14.4 mm[.567 in] |
| RF Connector Mated Outer Diameter (Approximate) | 6.35 mm[.25 in] |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -65 – 165 °C[-85 – 329 °F] |
|-----------------------------|----------------------------|

Operation/Application

| | |
|---------------------|--------|
| Operating Frequency | 26 GHz |
|---------------------|--------|

Packaging Features

| | |
|--------------------|-----|
| Packaging Quantity | 100 |
| Packaging Method | Bag |

Other

| | |
|--------------------------------|--------------|
| Number of Panel Mounting Holes | 2 |
| Grade | Professional |
| Dielectric Material | PTFE |

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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 | Wave solder capable to 265°C |

Product Compliance Disclaimer

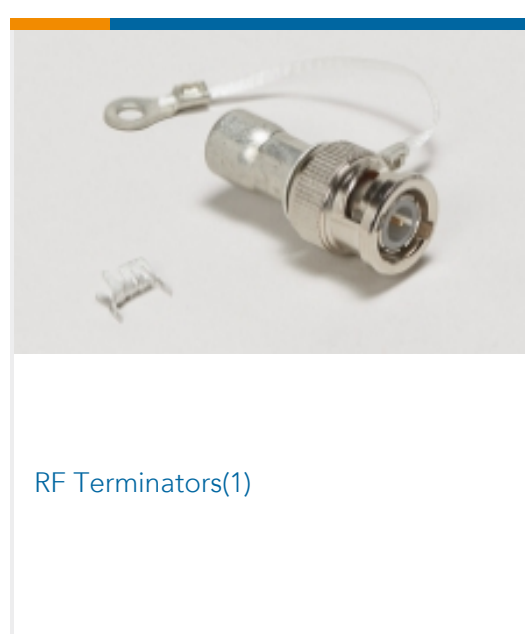
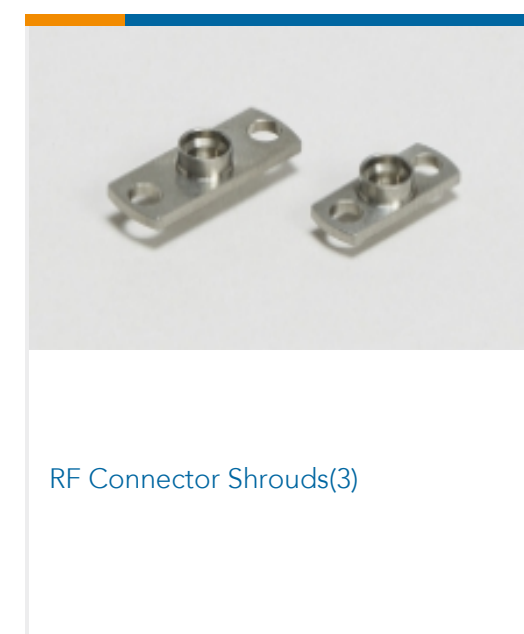
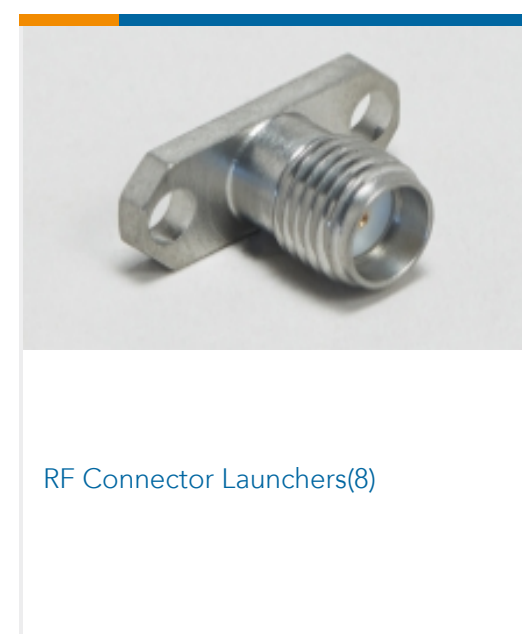
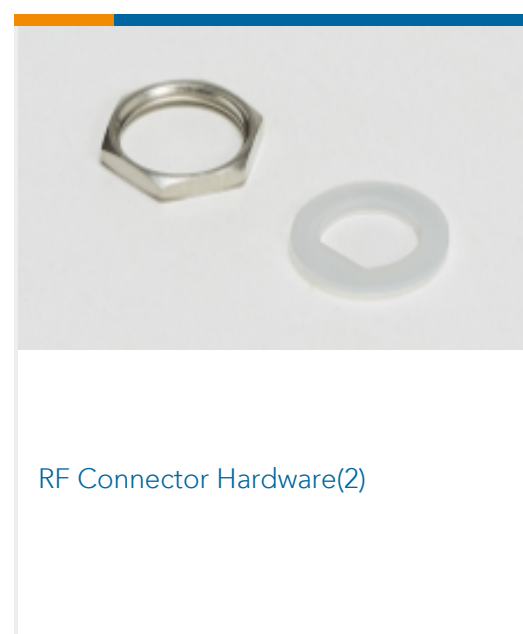
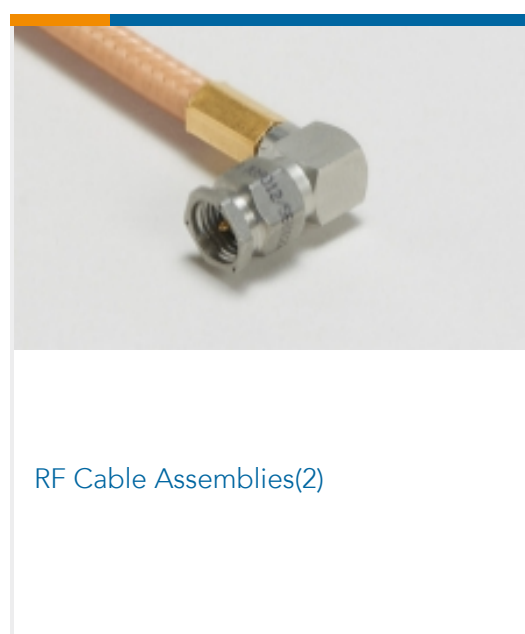
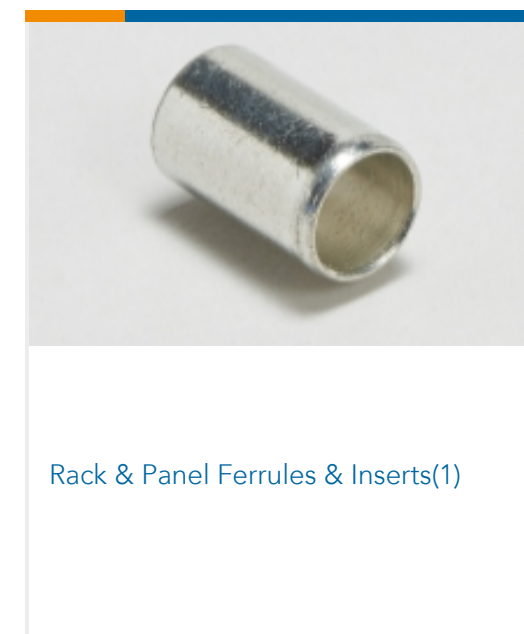
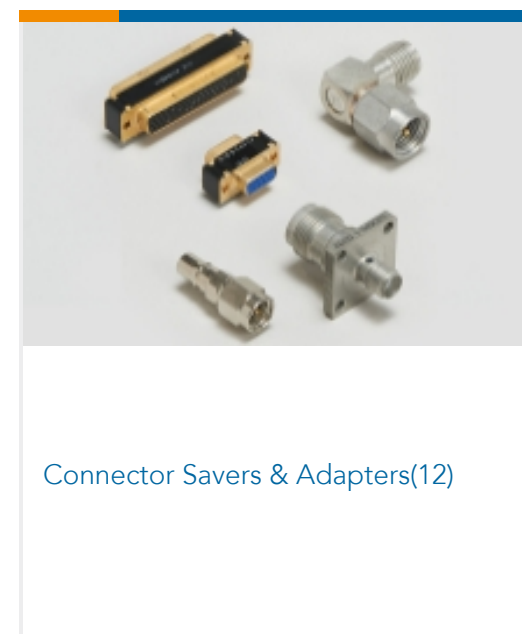
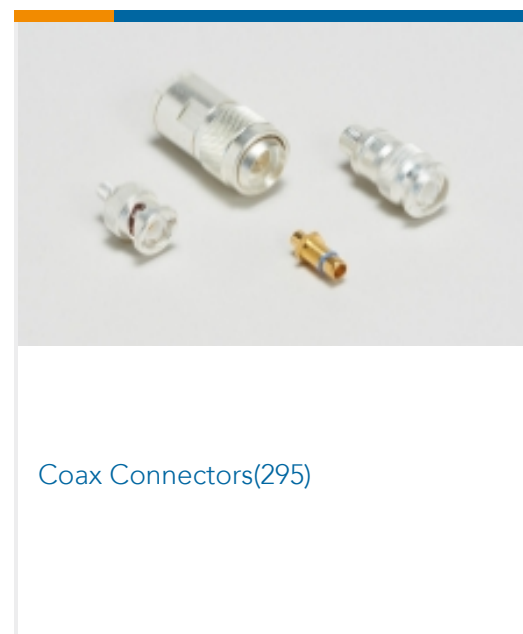
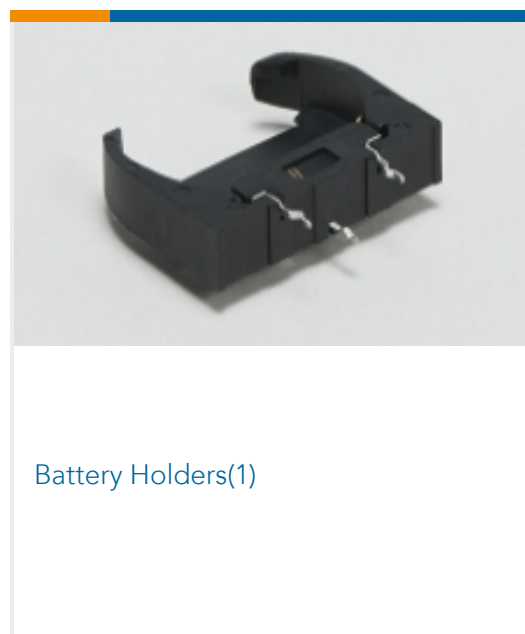
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

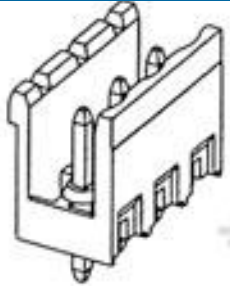
| | | | |
|---|--|---|---|
|  <p>TE Part # 1-1478916-0 SMA STR PLG C/CRMP RG174 GSS</p> |  <p>TE Part # 1-1478904-0 SMA STR PLG DS RG405 GSS</p> |  <p>TE Part # 1-1478923-0 SMA R/A PLG S/CRMP RG58 GSS</p> |  <p>TE Part # 1-1478924-0 SMA R/A PLG S/CRMP RG174 GSS</p> |
|  <p>TE Part # 1-1478903-0 SMA STR PLG DS RG402 GSS</p> |  <p>TE Part # 1-1478907-0 SMA STR PLG S/CLMP RG58 GSS</p> |  <p>TE Part # 1-1478908-0 SMA STR PLG S/CLMP RG174 GSS</p> |  <p>TE Part # 1-1478912-0 SMA R/A PLG S/CLMP RG174 GSS</p> |



Also in the Series | AMP SMA



Customers Also Bought

TE Part #282822-4
TERMI-BLOK HEADER,ASSY90 4P.



TE Part #4-1879208-2
CPF 0402 510R 0.1% 25PPM 1K RL



TE Part #1-1337585-0
MCX R/A Plg Hex 50Ohm Gold Pltd
RG174A/U

TE Part #ZPF000000000013077
DBAS 74-37-924 SN 090-1A SCC

TE Part #ZPF000000000013078
DBAS 74-37-924 SW 090-1A SCC



TE Part #ZPF000000000000338
006-0912-16 SCC



TE Part #ZPF000000000000377
006-0973-20 SCC

TE Part #GA10K3CG4
CHPC-TAIWAN GOLD CHIP

TE Part #GAG15K4D589LEVB
ESAP-ESA PROBE-400601413B

Documents

Product Drawings

[SMA PNL SKT RCPT, 2/FLNG GSS](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-1478963-0_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1478963-0_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1478963-0_A.3d_stp.zip](#)

English

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Product Specifications

1-1478963-0

SMA RF Interface, Receptacle, 50 Ω , Threaded, 26 GHz Operating Frequency, Cable-to-Panel, 1 Position, Panel Mount, AMP SMA



Product Specification

English