

1-1478916-0 ✓ ACTIVE



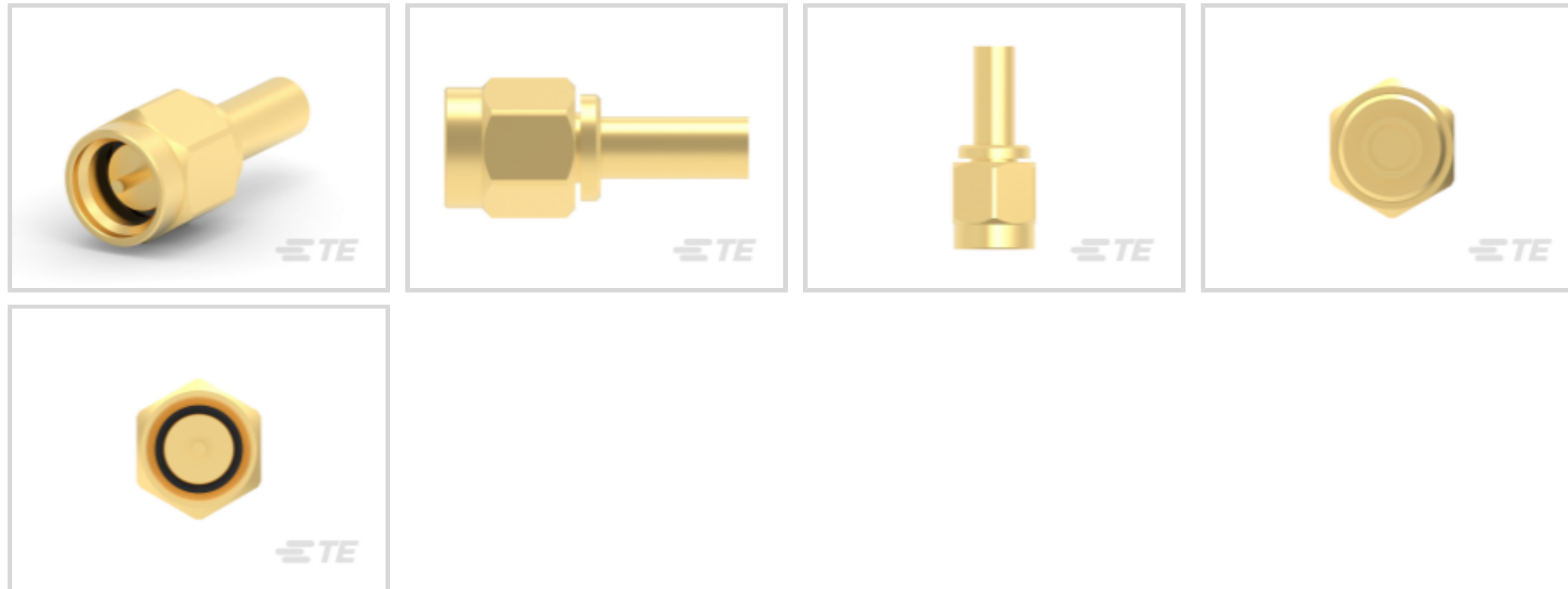
AMP | SMA

TE Internal #: 1-1478916-0

SMA RF Interface, Plug, 50 ohm, KX 22A / KX 3B, Threaded, 26 GHz Operating Frequency, Cable-to-Cable, 1 Position, Sealable, Wire & Cable, SMA

[View on TE.com >](#)

Connectors > RF Connectors > Coax Connectors



RF Interface: **SMA**

RF Connector Style: **Plug**

RF Connector Mated Outer Diameter (Approximate): **6.35 mm [.25 in]**

Impedance: **50 Ω**

Compatible With RF Cable Type: **KX 22A, KX 3B**

Features

Product Type Features

| | |
|-----------------------------------|--------------------|
| RF Interface | SMA |
| RF Connector Style | Plug |
| Compatible With RF Cable Type | KX 22A, KX 3B |
| Connector System | Cable-to-Cable |
| Sealable | Yes |
| Connector & Contact Terminates To | Wire & Cable |
| Connector Seal & Plug Type | Gasket |
| Connector Product Type | Connector Assembly |

Dimensions

| | |
|---|-------------------|
| RF Connector Mated Outer Diameter (Approximate) | 6.35 mm[.25 in] |
| Product Length | 15.05 mm[.593 in] |

Electrical Characteristics

| | |
|-----------|------|
| Impedance | 50 Ω |
|-----------|------|

Mechanical Attachment



| | |
|---------------------------------|------------|
| RF Connector Coupling Mechanism | Threaded |
| RF Contact Captivation Method | Mechanical |
| Detent | Without |

Operation/Application

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

Configuration Features

| | |
|----------------------------|---|
| Number of Positions | 1 |
| Number of Coaxial Contacts | 1 |

Usage Conditions

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

Termination Features

| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Body Features

| | |
|-----------------------------|-----------------|
| Cable Connector Orientation | Straight |
| Body Material | Stainless Steel |
| Body Material Finish | Plated |
| Body Plating Material | Gold |

Contact Features

| | |
|---|--------------------|
| RF Connector Center Contact Plating Material | Gold |
| RF Connector Center Contact Material | Brass |
| Ferrule Plating Material | Gold |
| Crimp Type | Hexagonal Crimping |
| RF Connector Contact Configuration | Not Captivated |
| RF Connector Center Contact Underplating Material | Copper |
| Ferrule Material | Brass |

Other

| | |
|-------------------------------|---------------------------|
| Dielectric Material | PTFE |
| EU RoHS Compliance | Compliant with Exemptions |
| EU ELV Compliance | Compliant with Exemptions |
| Coupling Nut Plating Material | Gold |
| Gasket Material | Silicone Rubber |
| Grade | Professional |



| | |
|----------------------------|-----------------|
| Coupling Nut Base Material | Stainless Steel |
|----------------------------|-----------------|

Packaging Features

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

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 | <p>Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (3.15% in Component Part)</p> <p>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.</p> |
|--|---|

| | |
|-----------------|--|
| Halogen Content | Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free |
|-----------------|--|

| | |
|---------------------------|--|
| Solder Process Capability | Not applicable for solder process capability |
|---------------------------|--|

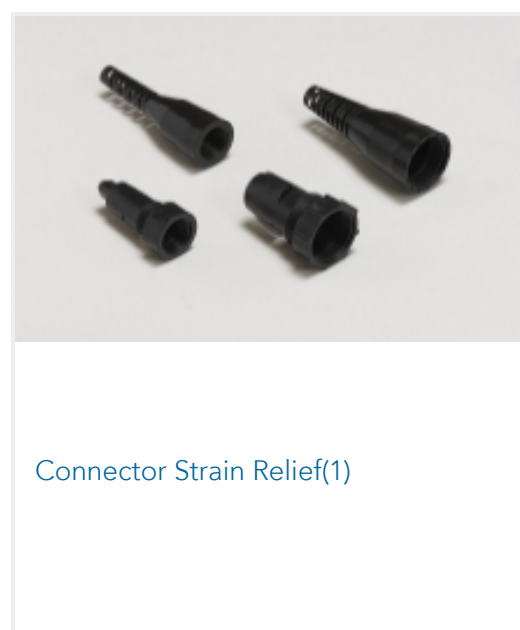
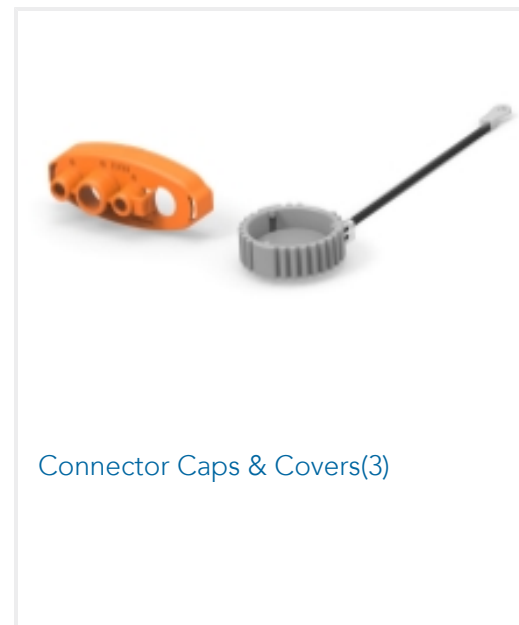
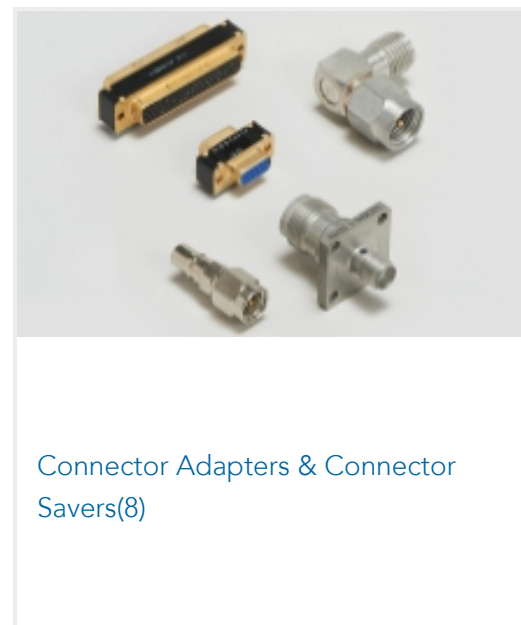
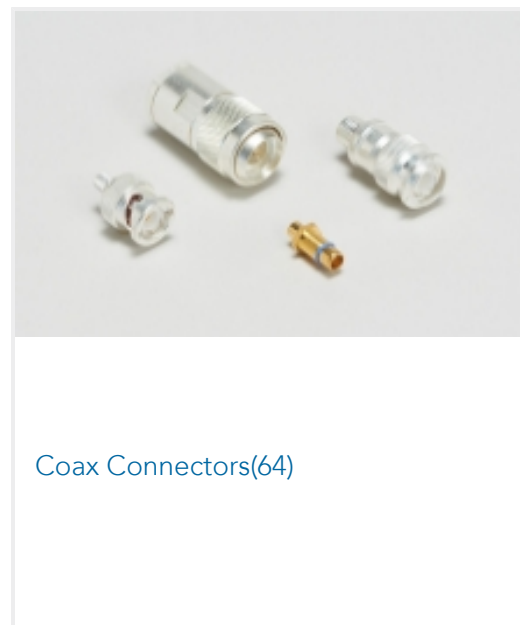
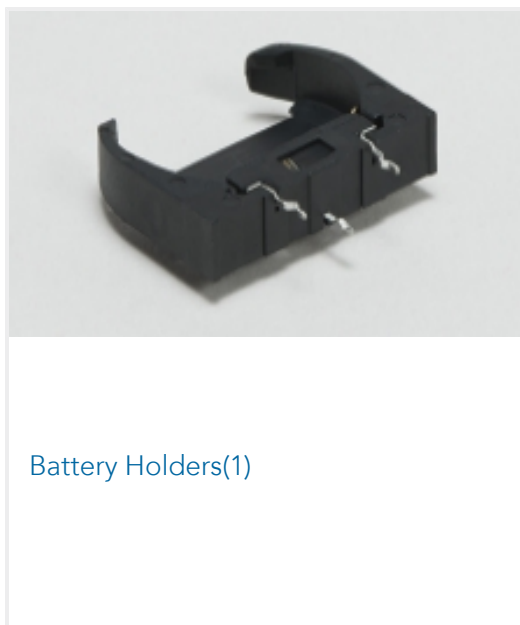
Product Compliance Disclaimer

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



Also in the Series | SMA



Customers Also Bought





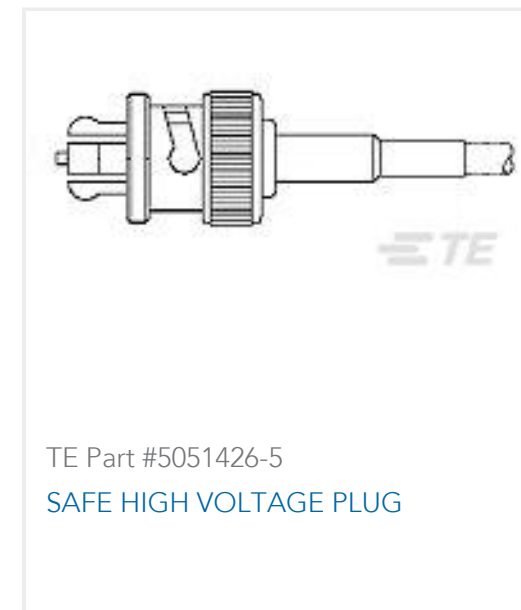
TE Part #103309-7
034 LOPRO HDR SP 30DP



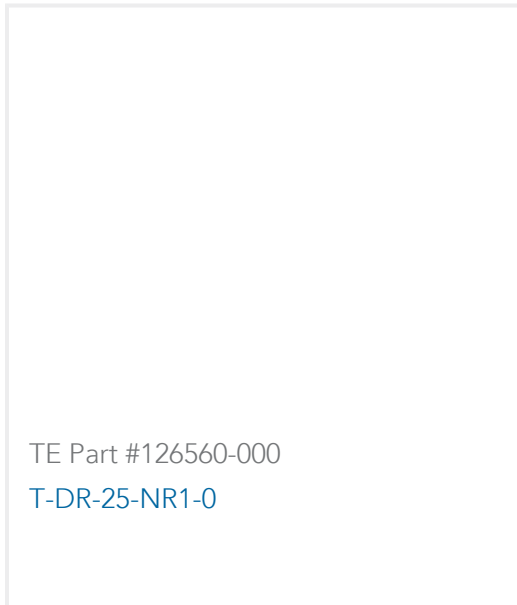
TE Part #L9000176-01
Antenna Vert 1/2 Wave Dipole LTE 2M
SMA



TE Part #1-87456-7
22 MODIV HSG COMP DR .100CL



TE Part #5051426-5
SAFE HIGH VOLTAGE PLUG



TE Part #126560-000
T-DR-25-NR1-0

Documents

Product Drawings

[SMA STR PLG C/CRMP RG174 GSS](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-1478916-0_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1478916-0_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1478916-0_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[1-1773725-8_RF_COAX_QRG](#)

English

Product Specifications

[Product Specification](#)

English