221643-1 ⬚ SUPERSEDED

AMP SMA

TE Internal #: 221643-1

TE Internal Description: ADAPTER, JACK, BULKHEAD, SMA
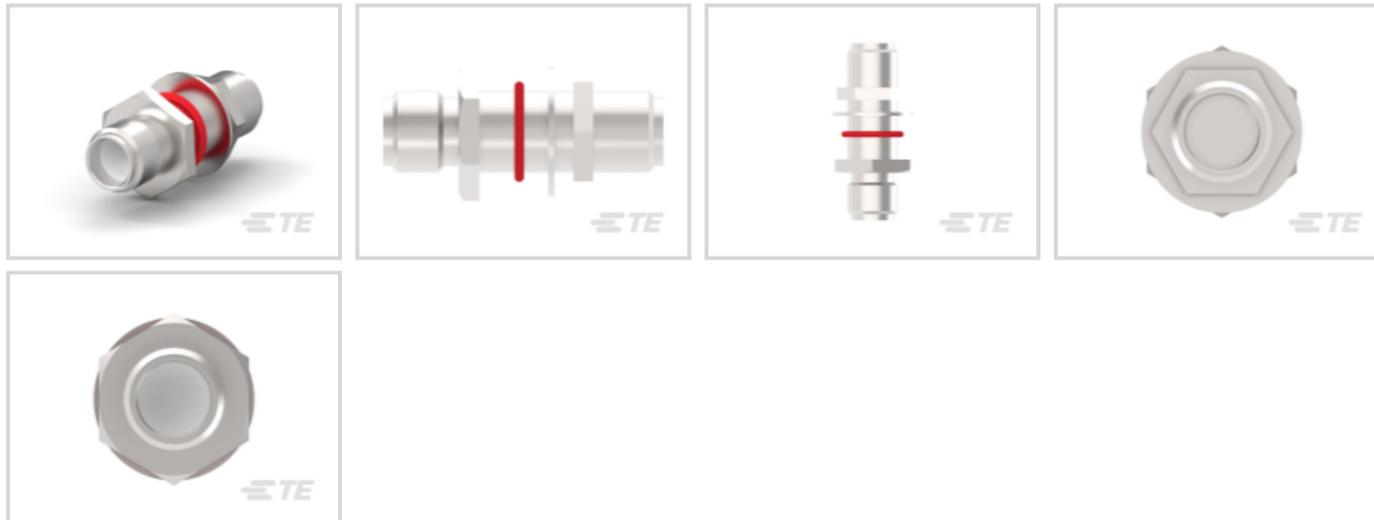
View on TE.com >

Connectors > RF Coax Connectors > RF Adapters > In-Series Adapters

RF Interface: **SMA**

Body Orientation: **Straight**

RF Connector Center Contact Material: **Beryllium Copper**

RF Connector Center Contact Plating Material: **Gold**

Connector System: **Cable-to-Cable**

Features

Product Type Features

Grounding Options	None
RF Interface	SMA
Connector System	Cable-to-Cable
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1

Body Features

Body Plating Finish	Passivated
Body Material	Stainless Steel

Contact Features

RF Connector Center Contact Material	Beryllium Copper
RF Connector Center Contact Plating Material	Gold

Mechanical Attachment

Panel Attachment Style	Front Mount, Rear Mount

Panel Mount Feature Type	Bulkhead
Connector Mounting Type	Panel Mount

Housing Features

Body Orientation	Straight

Dimensions

Panel Thickness (Recommended)	1.4 – 2.62 mm[.055 – .103 in]
Product Length	22.35 mm[.88 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-65 – 165 °C[-85 – 329 °F]

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Method	Package

Other

Gasket Material	Silicone Rubber
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 2022 (224) Candidate List Declared Against: JUL 2021 (219) 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	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

Also in the Series | AMP SMA

Battery Holders(1)

Between Series Adapters(1)

Coax Terminators(1)

In-Series Adapters(11)

Rack & Panel Ferrules & Inserts(1)

RF Cable Assemblies(2)

RF Connector Hardware(2)

RF Connector Launchers(8)

RF Connector Shrouds(3)

RF Connectors(297)

Documents

Product Drawings

ADAPTER, JACK, BULKHEAD, SMA

English

CAD Files

Customer View Model

ENG_CVM_CVM_221643-1_G.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_221643-1_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_221643-1_G.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

Product Specification

English

Product Specification

English

Product Environmental Compliance

TE Material Declaration

English