1052982-1 ✓ ACTIVE

AMP | AMP SMA

TE Internal #: 1052982-1

SMA RF Interface, Jack, 50 Ω, Threaded, 18 GHz Operating Frequency, 1 Position, Wire & Cable / Printed Circuit Board, Panel Mount, AMP SMA

View on TE.com >

Connectors > RF Connectors > Coax Connectors

RF Interface: **SMA**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **8.99 mm [.354 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 & Contact Terminates To	Printed Circuit Board, Wire & Cable

Configuration Features

PCB Mount Orientation	Edge
Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω

Body Features

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

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Termination Features

Termination Method to Printed Circuit Board	Through Hole - 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	Mechanical

Dimensions

Product Length	11.1 mm[.437 in]
RF Connector Mated Outer Diameter (Approximate)	8.99 mm[.354 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	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: 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
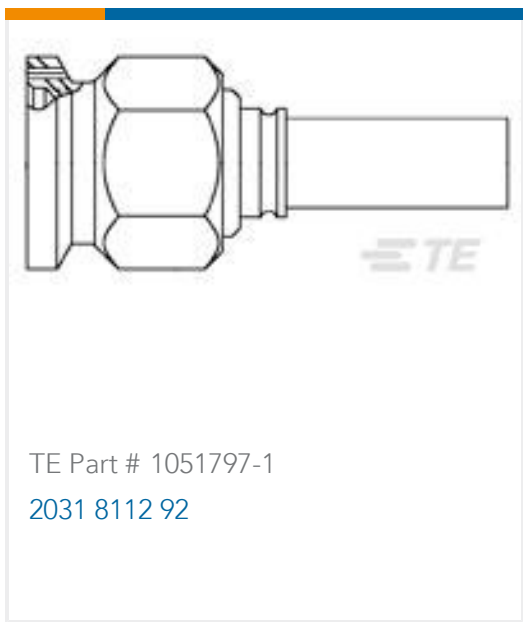governmental regulations relevant to your geographic location.

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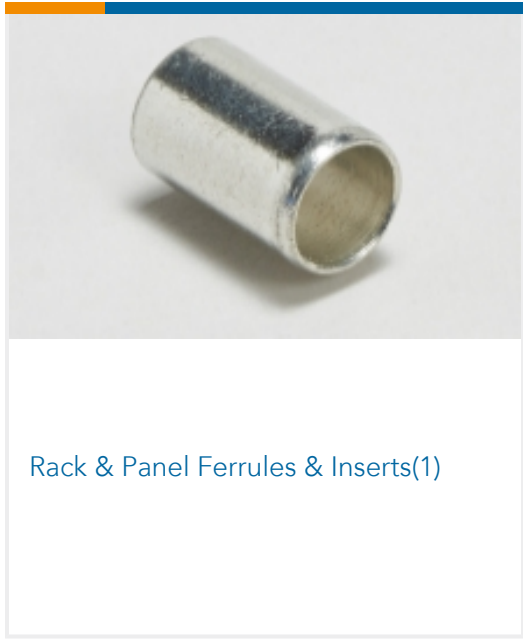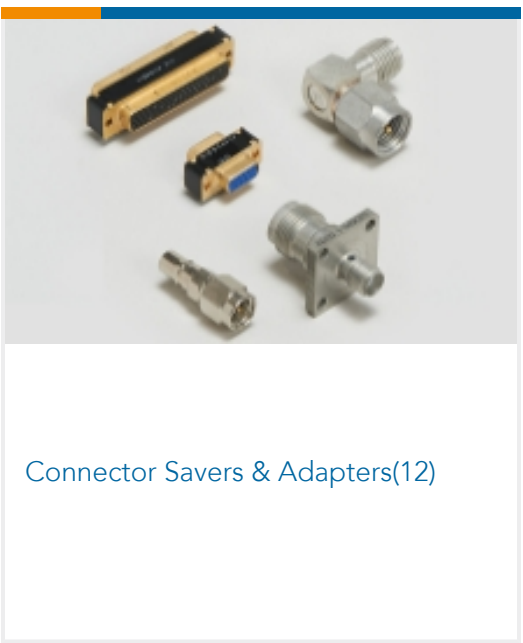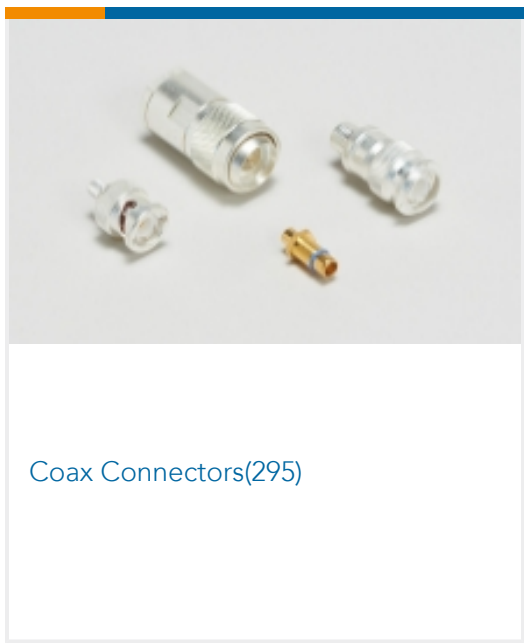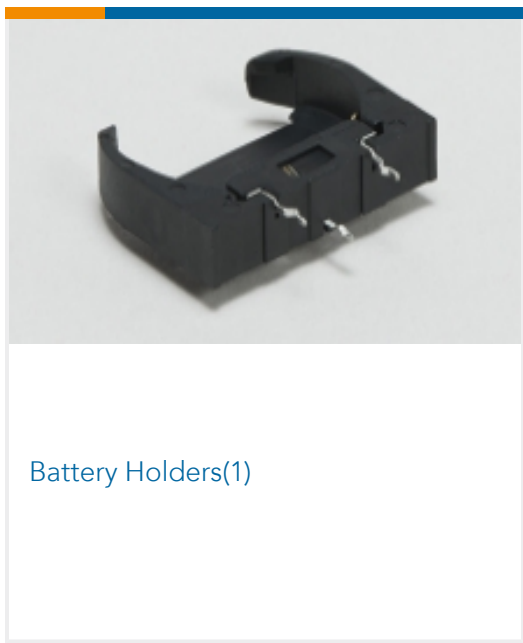| Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Pin-in-Paste capable to 260°C

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
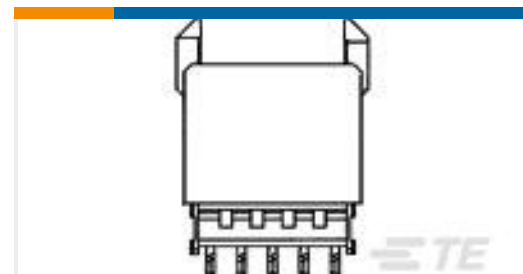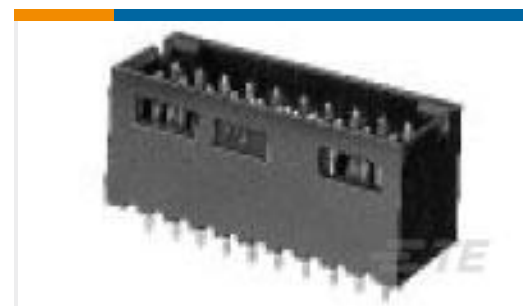
Compatible Parts

TE Part # 1051797-1
2031 8112 92

Also in the Series | AMP SMA

Battery Holders(1)

Coax Connectors(295)

Connector Caps & Covers(3)

Connector Savers & Adapters(12)

Rack & Panel Ferrules & Inserts(1)

RF Cable Assemblies(2)

RF Connector Hardware(2)

RF Connector Launchers(8)

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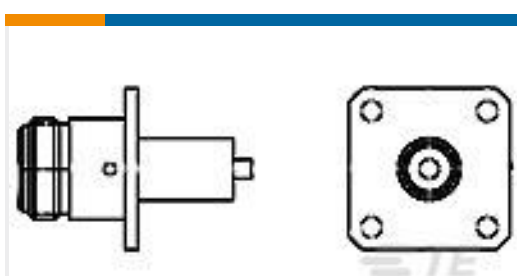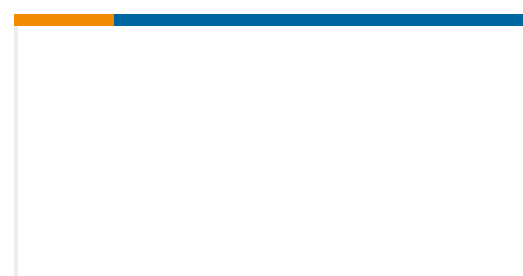Wire & Cable / Printed Circuit Board, Panel Mount, AMP SMA

RF Terminators(1)

Customers Also Bought

TE Part #5745781-3

09 MSFL RCPT RA 318 (IN,FM)

TE Part #5352269-1

Z-PACK/B19 VF 95P

TE Part #787082-9

100 50SR R/A RCPT,RESESIGN

TE Part #1050524-1

2001 5003 00,SMA CABLE PLUG

TE Part #1052552-1

2052 1352 02,SMA FM JACK RECPT

TE Part #6-102618-5

34 MODII HDR DRST SHRD .100CL

TE Part #1050547-1

2001 5032 00

TE Part #1054869-1

2084 0000 02

TE Part #1057290-1

3052 1201 10,N SERIES FM PLUG

TE Part #20003334-06

PRESS XDCR U525D-000005-007BG

Documents

Product Drawings
2054 1231 02

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_1052982-1_A_c-1052982-1-a.2d_dxf.zip

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English

Customer View Model

ENG_CVM_CVM_1052982-1_A_c-1052982-1-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1052982-1_A_c-1052982-1-a.3d_stp.zip

English

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

Datasheets & Catalog Pages

SMA Connectors

English

Products for Aerospace and Defense

English