

1051855-1 ✓ ACTIVE

AMP SMA

TE Internal #: 1051855-1

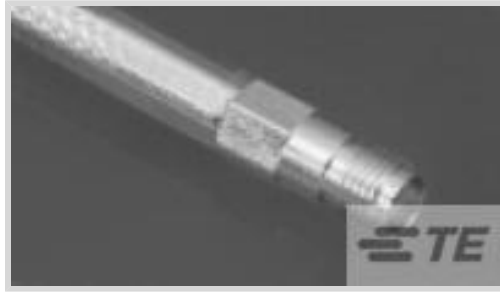
AMP SMA, RF Connectors, SMA RF Interface, Jack, RF Connector

Mated Outer Diameter (Approximate) .25 in [6.35 mm], 50 Ω

[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**

Compatible With RF Cable Type: **RG 174, RG 188, RG 316**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Jack
Compatible With RF Cable Type	RG 174, RG 188, RG 316
Connector System	Cable-to-Cable
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector Seal Type	O-Ring

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Cable Connector Orientation	Straight
Body Material	Stainless Steel
Body Material Finish	Passivated

Contact Features

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RF Connector Center Contact Underplating Material	Copper, Nickel
RF Connector Contact Configuration	Captivated Contacts
Crimp Type	Hex
Ferrule Material	Copper
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Cable Mount (Free-Hanging)
RF Contact Captivation Method	Screw
Detent	Without

Dimensions

Product Length	36.5 mm[1.437 in]
RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]

Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
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Packaging Features

Packaging Method	Package
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Other

Additional Features	Shrink Tubing
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 2019 (197)



SVHC > Threshold:
Not Yet Reviewed

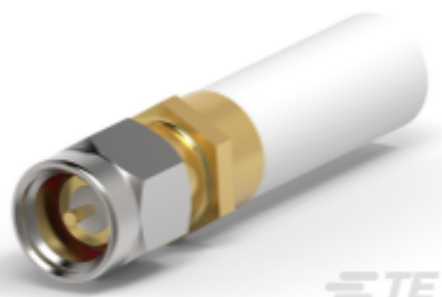









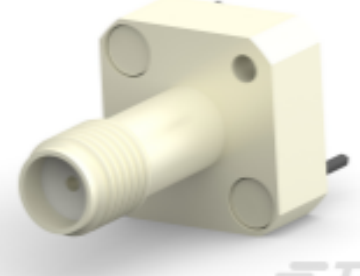
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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Product Compliance Disclaimer

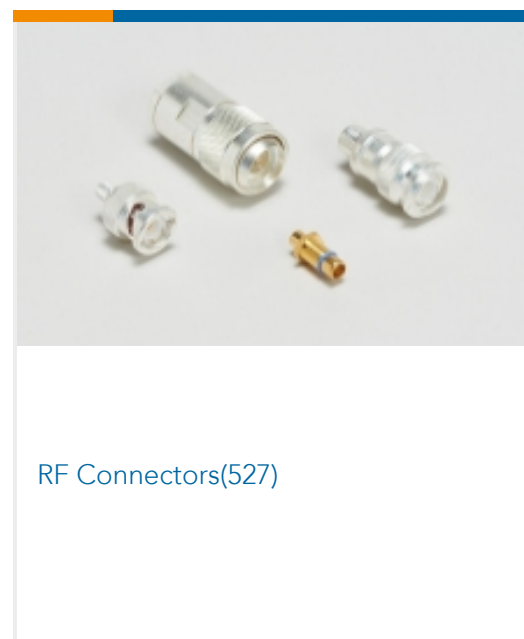
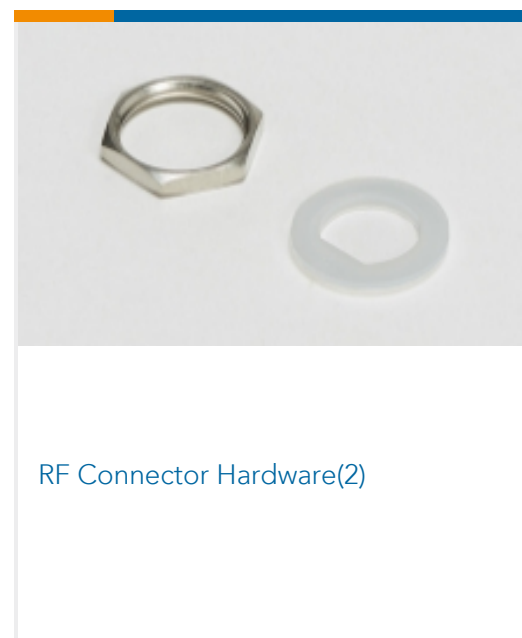
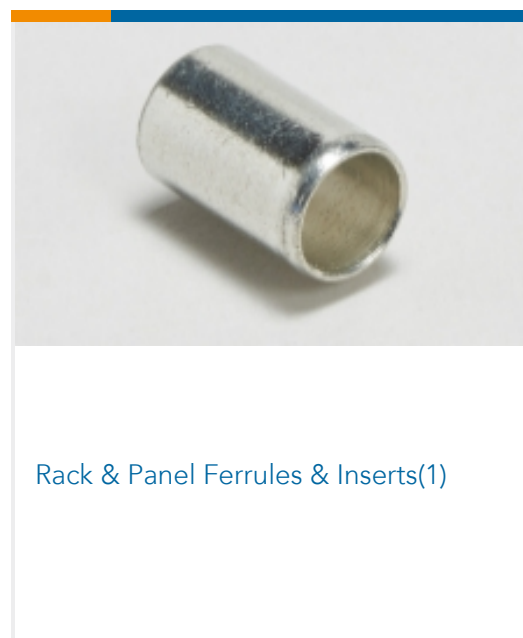
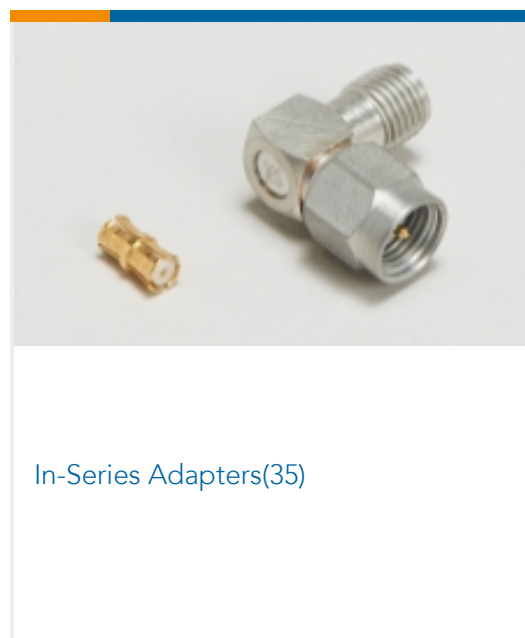
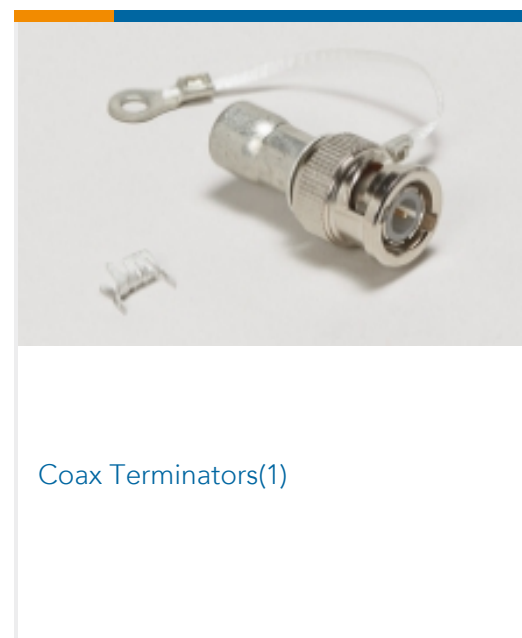
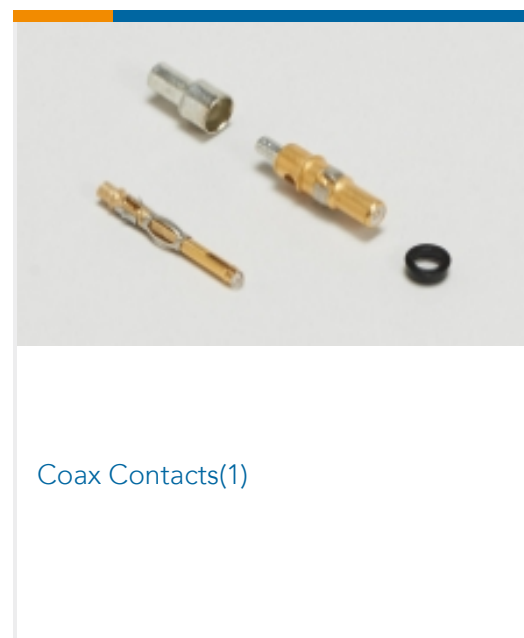
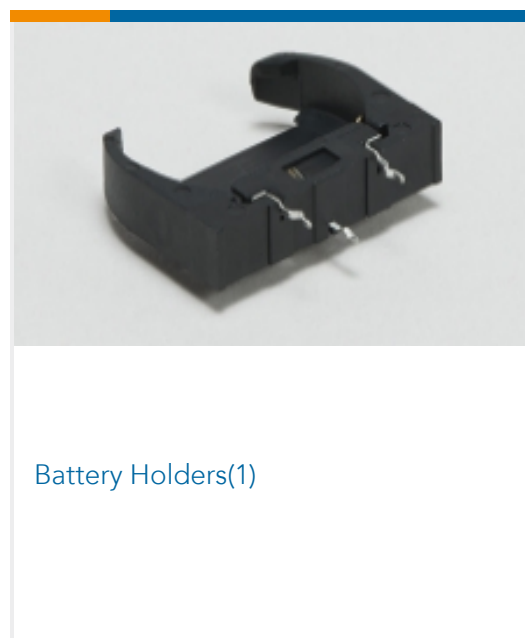
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

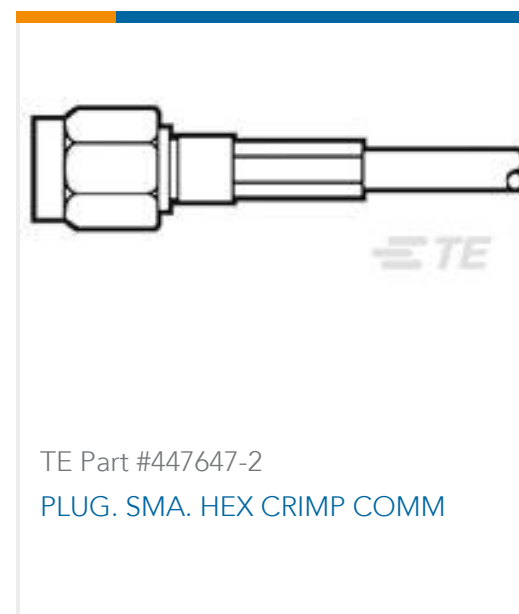
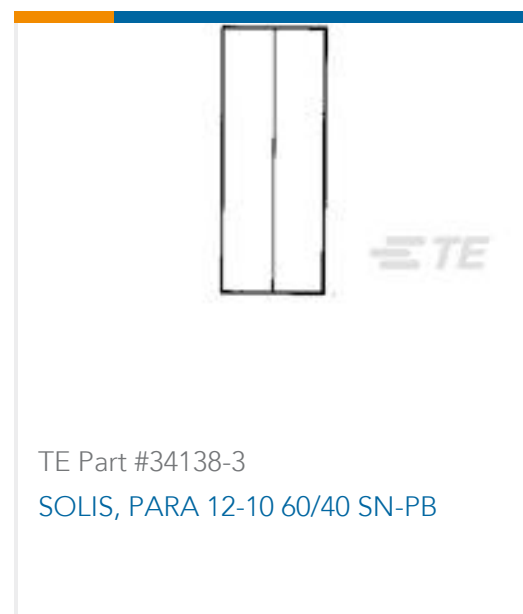
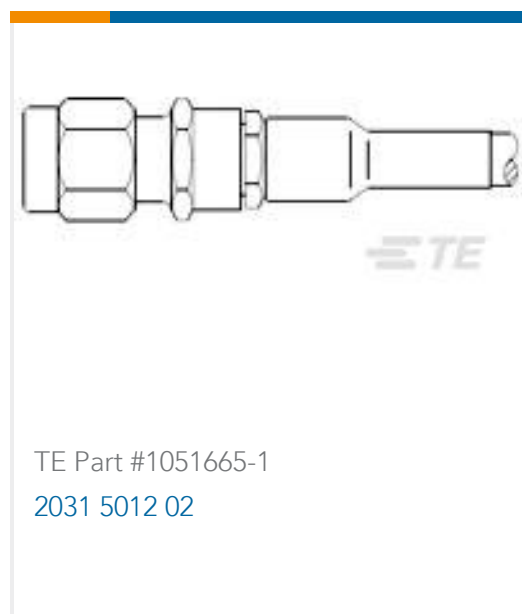
 <p>TE Part # 1051644-1 2031 5003 02</p>	 <p>TE Part # 1055070-1 2088 1230 02</p>	 <p>TE Part # 1054874-1 2084 1100 00</p>	 <p>TE Part # 221789-1 JACK,PCB,SERIES SMA</p>
 <p>TE Part # 1052566-1 2052 1618 02,SMA FM JACK RECPT</p>	 <p>TE Part # 1054426-1 2082 5133 02</p>	 <p>TE Part # 221790-1 JACK,RIGHT ANGLE,PCB,SMA</p>	 <p>TE Part # 1054868-1 2084 0000 00</p>
 <p>TE Part # 1053072-1 2056 0000 00</p>	 <p>TE Part # 1050547-1 2001 5032 00</p>	 <p>TE Part # 1050548-1 2001 5032 02</p>	 <p>TE Part # 6274096-1 JACK ASSEMBLY, ACTION PIN, SMA</p>



Also in the Series | **AMP SMA**



Customers Also Bought



Documents

Product Drawings

[2032 5003 02](#)

English

CAD Files

Customer View Model

[ENG_CVM_1051855-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1051855-1_A.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1051855-1_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

1051855-1

AMP SMA, RF Connectors, SMA RF Interface, Jack, RF Connector Mated Outer
Diameter (Approximate) .25 in [6.35 mm], 50 Ω



SMA Connectors

English

Instruction Sheets

Instruction Sheet (U.S.)

English