

1050750-1 ✓ ACTIVE

AMP SMA

TE Internal #: 1050750-1

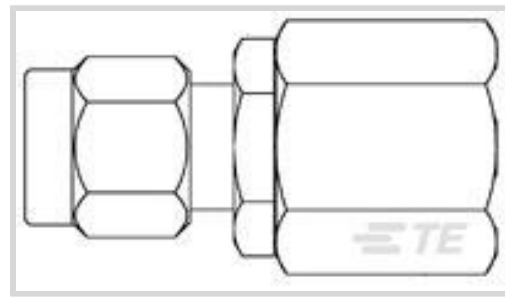
AMP SMA, RF Connectors, SMA RF Interface, Plug, RF Connector

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: **Plug**

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

Impedance: **50 Ω**

Compatible With RF Cable Type: **.250 Semi-Rigid**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Plug
Compatible With RF Cable Type	.250 Semi-Rigid
Connector System	Cable-to-Cable
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector Seal Type	Gasket, 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 Plating Material	Gold
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RF Connector Center Contact Material	Brass
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Termination Features

Termination Method to Wire & Cable	Clamp
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Mechanical Attachment

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

Product Length	25.4 mm[1 in]
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RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]
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Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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Operation/Application

Operating Frequency	18 GHz
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Packaging Features

Packaging Method	Carton
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Other

Coupling Nut Plating Finish	Passivated
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Gasket Material	Silicone Rubber
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Coupling Nut Base Material	Stainless Steel
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Dielectric Material	TFE Fluorocarbon
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JUL 2017 (174)
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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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 1051644-1
2031 5003 02



TE Part # 1055070-1
2088 1230 02



TE Part # 1054874-1
2084 1100 00



TE Part # 221789-1
JACK,PCB,SERIES SMA



TE Part # 1052566-1
2052 1618 02,SMA FM JACK RECPT



TE Part # 1053221-1
2058 5029 00



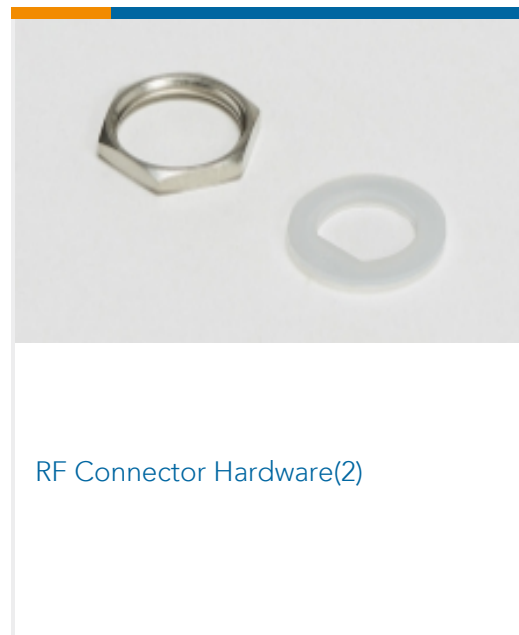
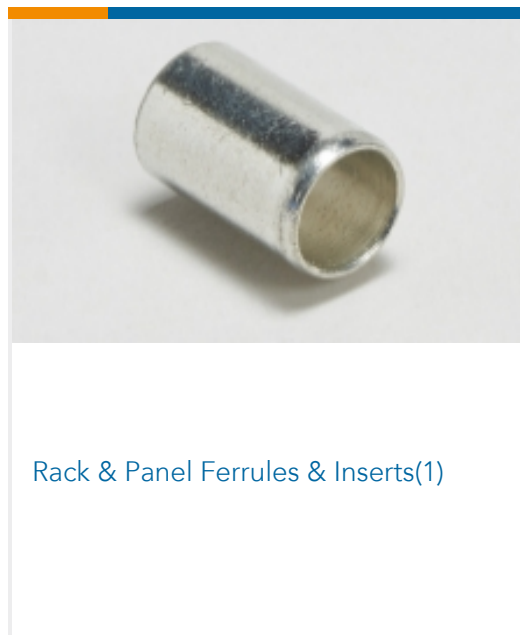
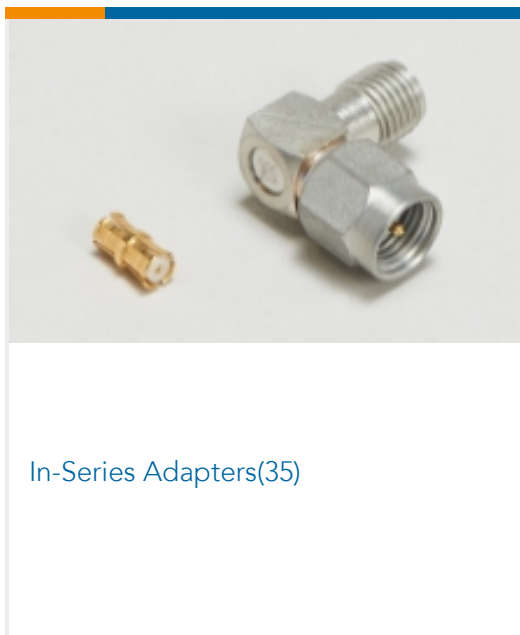
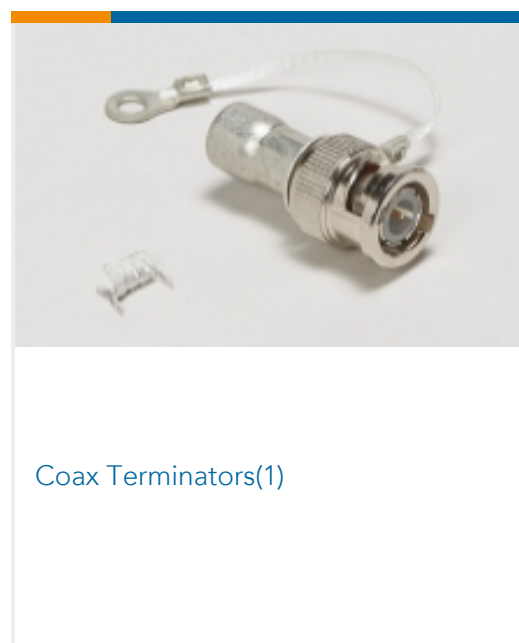
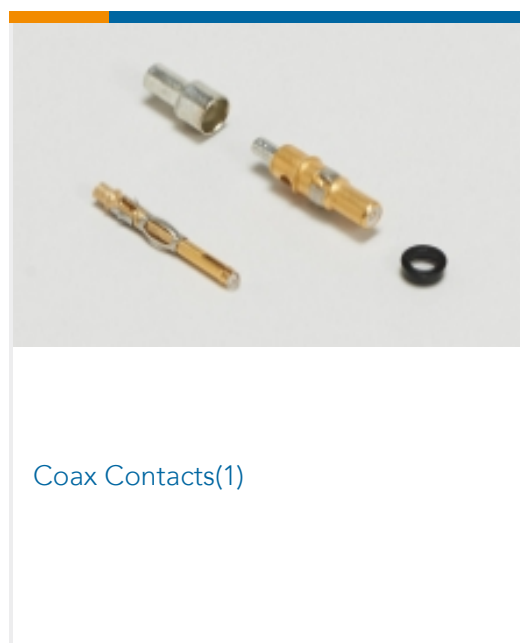
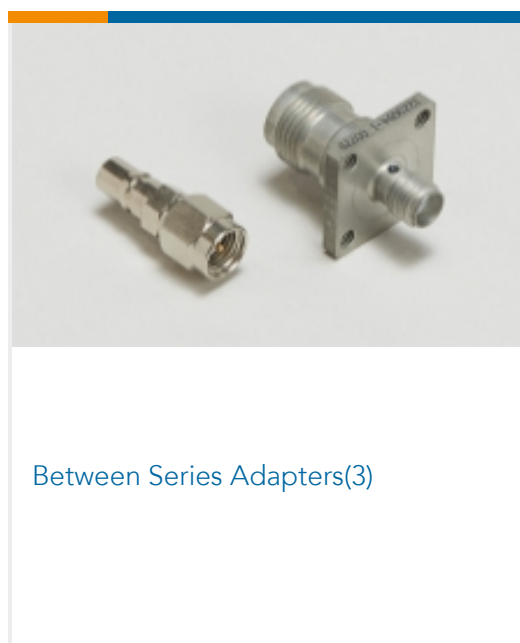
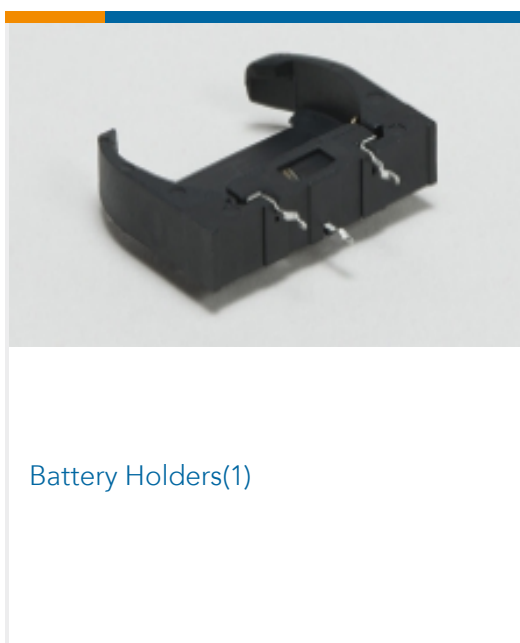
TE Part # 1054426-1
2082 5133 02



TE Part # 221790-1
JACK,RIGHT ANGLE,PCB,SMA



Also in the Series | AMP SMA





RF Connector Launchers(13)

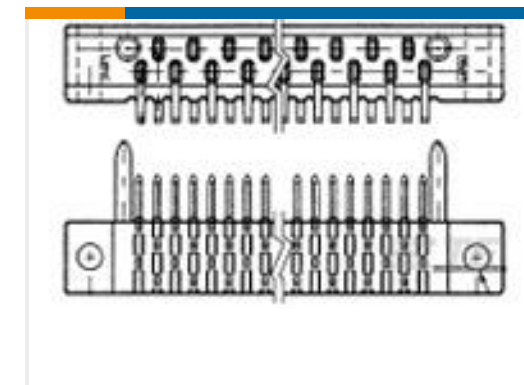


RF Connector Shrouds(10)



RF Connectors(527)

Customers Also Bought

TE Part #0462-209-16141
DEUTSCH SOLID CONTACTSTE Part #114017-ZZ
DEUTSCH SEALING PLUGSTE Part #1-480698-0
02P UMNL PLUG HSG NATLTE Part #1-582843-5
29 AMP BLADE HDR ASSY/MILTE Part #105976-ZZ
CONT SOC ASSYTE Part #YDL60H-14-15PNV001
HERM RECP

Documents

Product Drawings

[2001 7752 02](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1050750-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1050750-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1050750-1_A.3d_stp.zip](#)

English

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

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



Instruction Sheets

Instruction Sheet (U.S.)

English

OSM Straight Cable Plug Compression Clamp Attachment 1050750-1

English