



SMA

TE Internal #: 2081363-1
SMA Connector, Jack, 50 ohm, Screw, 27 GHz, Cable-to-Cable, 1 Position, Panel Mount, -55 – 125 °C [-67 – 257 °F], Screw, Straight, SMA

[View on TE.com >](#)

Connectors > RF Connectors > Coax Connectors



RF Interface: **SMA**
RF Connector Style: **Jack**
Impedance: **50 Ω**
RF Connector Coupling Mechanism: **Screw**
Operating Frequency Range: **27 GHz**

Features

Product Type Features

RF Interface	SMA
RF Connector Style	Jack
Connector System	Cable-to-Cable
Sealable	No

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Body Material	Stainless Steel
Body Material Finish	Passivated

Contact Features

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RF Connector Center Contact Plating Thickness	.762 µm[30 µin]
RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Wire & Cable	Screw
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Mechanical Attachment

RF Connector Coupling Mechanism	Screw
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	Without

Housing Features

Body Orientation	Straight
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Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Circuit Application	Signal
Operating Frequency Range	27 GHz

Packaging Features

Packaging Method	Bag & Box
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Other

Dielectric Material	Polytetrafluoroethylene (PTFE)
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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	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900



ppm.

Solder Process Capability

Not reviewed 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



TE Part # 2081364-1
SMA PLUG,6GHZ,STRAIGHT,RG58
CABLE

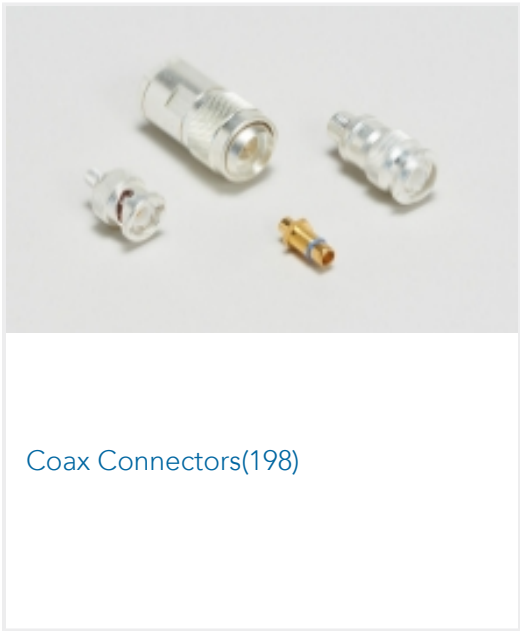


TE Part # 2081884-1
EP-SMA,PLUG,27GHZ,STRAIGHT,086
CABLE



TE Part # 2081365-1
SMA PLUG,6GHZ,STRAIGHT,RG316
CABLE

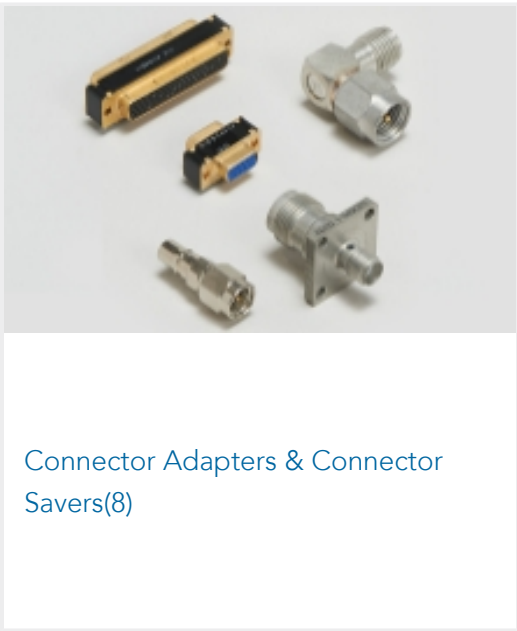
Also in the Series | SMA



Coax Connectors(198)



Coin Cell Battery Holders(1)



Connector Adapters & Connector
Savers(8)



RF Cable Assemblies(118)

Documents

Product Drawings
SMA ADAPTER,STR,JACK TO JACK,26.5GHZ

English

CAD Files
Customer View Model
ENG_CVM_CVM_2081363-1_A.2d_dxf.zip

English



Customer View Model

[ENG_CVM_CVM_2081363-1_A.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2081363-1_A.3d_igs.zip](#)

English

3D PDF

3D

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Product Specifications

[Product Specification](#)

English