

2081898-1 ACTIVE

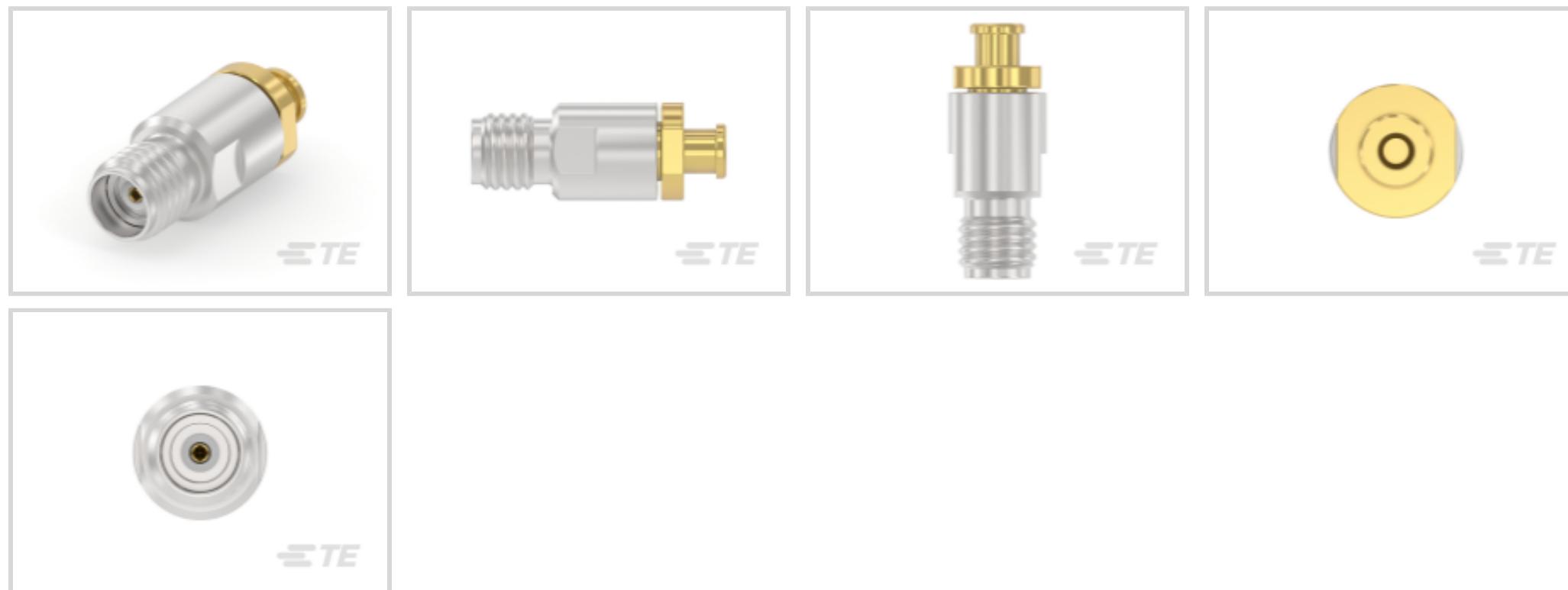
TE Internal #: 2081898-1

SMA Connector, Jack, 50 ohm, Screw, 0 – 27 GHz, Cable-to-Cable, 1 Position, Wire & Cable, -55 – 165 °C [-67 – 329 °F], Straight, Stainless Steel

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Connectors > RF Connectors > Coax Connectors



RF Interface: **SMA**

RF Connector Style: **Jack**

Impedance: **50 Ω**

Compatible With RF Cable Type: **.047 Semi-Rigid or Flex**

RF Connector Coupling Mechanism: **Screw**

Features

Operation/Application

Circuit Application	Signal
Operating Frequency	0 – 27 GHz

Product Type Features

RF Interface	SMA
RF Connector Style	Jack
Compatible With RF Cable Type	.047 Semi-Rigid or Flex
Connector System	Cable-to-Cable
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Impedance	50 Ω
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Mechanical Attachment

RF Connector Coupling Mechanism	Screw
RF Contact Captivation Method	Mechanical

Detent

Without

Configuration Features

Number of Positions

1

Number of Coaxial Contacts

1

Body Features

Cable Connector Orientation

Straight

Body Material

Stainless Steel

Body Material Finish

Passivated

Contact Features

RF Connector Center Contact Plating Material

Gold

RF Connector Center Contact Material

Beryllium Copper

Usage Conditions

Operating Temperature Range

-55 – 165 °C [-67 – 329 °F]

Packaging Features

Packaging Method

Bag & Box

Other

Dielectric Material

PTFE

EU RoHS Compliance

Compliant with Exemptions

Product ComplianceFor compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU

Compliant with Exemptions

EU ELV Directive 2000/53/EC

Not Yet Reviewed

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 2024 (241)

Candidate List Declared Against: JUNE 2024 (241)

SVHC > Threshold:

Pb (4.75% 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 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



Documents

Product Drawings

EP-SMA,JACK,STRAIGHT,27GHZ,047 CABLE

English

CAD Files[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2081898-1_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2081898-1_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2081898-1_1.3d_stp.zip](#)

English

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

English