

2466282-1 ✓ ACTIVE

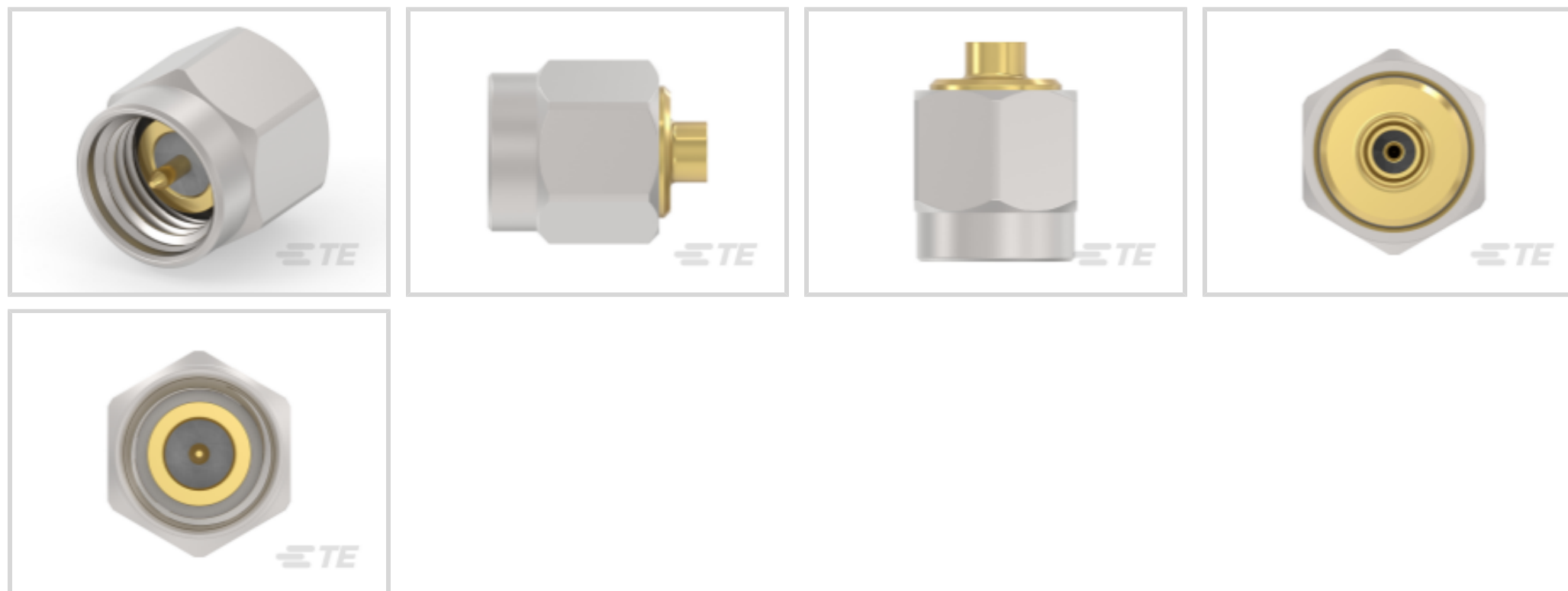
TE Internal #: 2466282-1

SMA RF Interface, Plug, 50 Ω , RG 405, Screw, 0 – 18 GHz Operating Frequency, Cable-to-Cable, 1 Position, Wire & Cable, -65 – 165 $^{\circ}\text{C}$ [-85 – 329 $^{\circ}\text{F}$]

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Connectors > RF Connectors > Coax Connectors



RF Interface: **SMA**

RF Connector Style: **Plug**

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 405**

RF Connector Coupling Mechanism: **Screw**

Features

Product Type Features

RF Interface	SMA
RF Connector Style	Plug
Compatible With RF Cable Type	RG 405
Connector System	Cable-to-Cable
Sealable	No
Connector & Contact Terminates To	Wire & Cable

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	Plated
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Body Plating Material	Gold
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Contact Features

RF Connector Center Contact Plating Material	Gold
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RF Connector Center Contact Material	Beryllium Copper
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Termination Features

Termination Method to Wire & Cable	Solder
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Mechanical Attachment

RF Connector Coupling Mechanism	Screw
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RF Contact Captivation Method	Mechanical
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Detent	Without
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Usage Conditions

Operating Temperature Range	-65 – 165 °C[-85 – 329 °F]
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Operation/Application

Operating Frequency	0 – 18 GHz
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Packaging Features

Packaging Method	Bag & Box
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Other

Dielectric Material	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
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EU ELV Directive 2000/53/EC	Not Yet Reviewed
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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	<p>Current ECHA Candidate List: JAN 2024 (240)</p> <p>Candidate List Declared Against: JAN 2024 (240)</p> <p>SVHC > Threshold:</p> <p>Pb (3.34% in Component Part)</p>
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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
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/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 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 # 2081875-1
EP-SMA,JACK,27GHZ,END LAUNCH,
1.6MM BOARD



TE Part # 2480662-1
SMA F St BHD to Open Semi-rigid.047
50mm



TE Part # 2484637-1
SMA Jack RA Edge Mnt Solder Tab 18
GHz



TE Part # 2484639-1
SMA Jack Str PCB Thru Hole BHD 18
GHz



TE Part # 2484780-1
SMA Jack Str SMD Pin Thru Hole 18
GHz



TE Part # 2484782-1
SMA Jack RA PCB Thru Hole 18 GHz
50 Ohm



TE Part # 2484786-1
SMA Jack RA SMD Pin Thru Hole 18
GHz



TE Part # 2484787-1
SMA Jack RA PCB Thru Hole BHD 18
GHz

Documents

Product Drawings

[SMA PLUG STR SOLDER .085 .086 18 GHZ SUS](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)



[ENG_CVM_CVM_2466282-1_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2466282-1_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2466282-1_1.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English