



SMA

TE Internal #: 2466282-1  
SMA Connector, Plug, 50 ohm, RG 405 Compatible With RF Cable Type, Screw, 18 GHz, Cable-to-Cable, 1 Position, Wire & Cable, SMA

[View on TE.com >](#)

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 |
|-----------|------|

Body Features

|                      |                 |
|----------------------|-----------------|
| Body Material        | Stainless Steel |
| Body Material Finish | Plated          |



|                       |      |
|-----------------------|------|
| Body Plating Material | Gold |
|-----------------------|------|

Contact Features

|                                               |                  |
|-----------------------------------------------|------------------|
| RF Connector Center Contact Plating Thickness | 1.27 μm[50 μin]  |
| RF Connector Center Contact Plating Material  | Gold (Au)        |
| RF Connector Center Contact Material          | Beryllium Copper |

Termination Features

|                                    |        |
|------------------------------------|--------|
| Termination Method to Wire & Cable | Solder |
|------------------------------------|--------|

Mechanical Attachment

|                                 |            |
|---------------------------------|------------|
| RF Connector Coupling Mechanism | Screw      |
| RF Contact Captivation Method   | Mechanical |
| Detent                          | Without    |

Housing Features

|                  |          |
|------------------|----------|
| Body Orientation | Straight |
|------------------|----------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -65 – 165 °C[-85 – 329 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                           |        |
|---------------------------|--------|
| Operating Frequency Range | 18 GHz |
|---------------------------|--------|

Packaging Features

|                  |           |
|------------------|-----------|
| Packaging Method | Bag & Box |
|------------------|-----------|

Other

|                     |                                |
|---------------------|--------------------------------|
| Dielectric Material | Polytetrafluoroethylene (PTFE) |
|---------------------|--------------------------------|

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                   | Not Yet Reviewed                                                                                                      |
| 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)<br>Candidate List Declared Against: JUNE 2025 (250)<br>SVHC > Threshold: |



Pb (3.6% in Component Part)

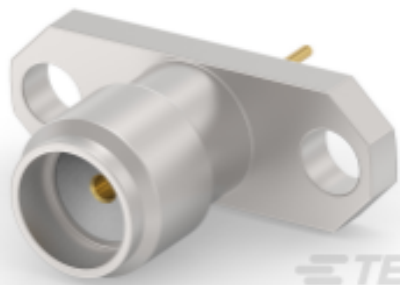
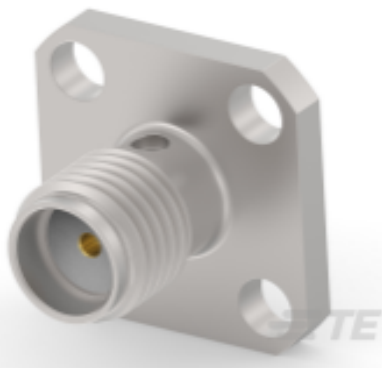
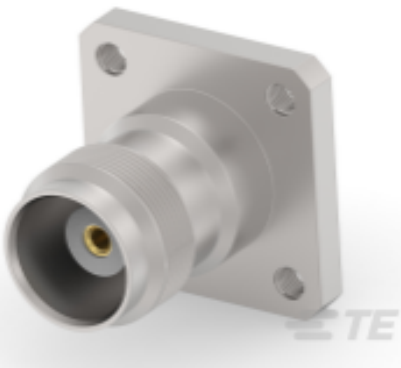
Article Safe Usage Statements:  
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

|                           |                                                                                            |
|---------------------------|--------------------------------------------------------------------------------------------|
| 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 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

|                                                                                                                                                                    |                                                                                                                                                                     |                                                                                                                                                                      |                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>TE Part # 2484782-1<br/>SMA Jack RA PCB Thru Hole 18 GHz<br/>50 Ohm</div> |  <div>TE Part # 2491393-1<br/>SMA Jack Hermetic 2-Hole Flange EMI<br/>Gskt</div> |  <div>TE Part # 2484786-1<br/>SMA Jack RA SMD Pin Thru Hole 18<br/>GHz</div>    |  <div>TE Part # 2486503-1<br/>SMA Plug to N Jack Str 15GHz SUS</div>        |
|  <div>TE Part # 2492540-1<br/>SMA Jack to Jack Str Bulkhead SUS<br/>18GHz</div> |  <div>TE Part # 2492483-1<br/>SMA Jack St 4-Hole Flange Extended<br/>Recep</div> |  <div>TE Part # 2485925-1<br/>SMA Jack to TNC Jack Str Flange Mnt<br/>SUS</div> |  <div>TE Part # 2484699-1<br/>SMA JACK HERMETIC BULKHEAD<br/>26.5 GHZ</div> |



TE Part # 2486513-1  
N Jack to SMA Jack Str Flange SUS 18GHz



TE Part # 2486509-1  
SMA Jack RA 2-Hole Flange Extended Recep



TE Part # 2484637-1  
SMA Jack Edge .062 PCB Solder Tab 18 GHz



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



TE Part # 2081875-1  
EP-SMA,JACK,27GHZ,END LAUNCH, 1.6MM BOARD



TE Part # 2492485-1  
BMA Jack to SMA Jack BHD Feedthru



TE Part # 2486508-1  
SMA Jack RA 4-Hole Flange Extended Recep



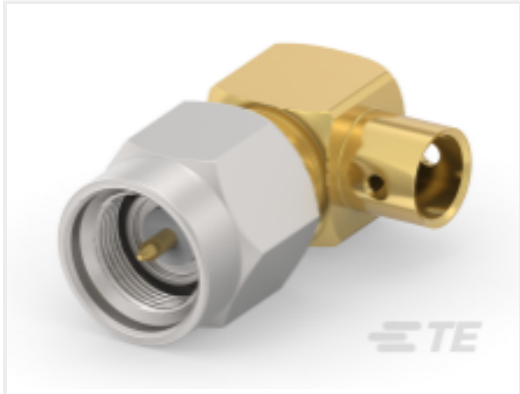
TE Part # 2484780-1  
SMA Jack Str SMD Pin Thru Hole 18 GHz



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



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



TE Part # 2486512-1  
SMA Plug RA Direct Solder .141 S/R 18GHz



TE Part # 2486502-1  
SMA Jack RA 2-Hole Flange Extended Recep

Also in the Series | SMA



Connector Adapters & Connector Savers(8)

Customers Also Bought



TE Part #DT06-3S-C017  
PLG, 3P, GRY, BLOCKED



TE Part #CAT-H396-M8649  
Lockwashers and Panel Nuts for Deutsch HDP20



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

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

Product Specifications

Product Specification

English