

2484637-1

✓ ACTIVE

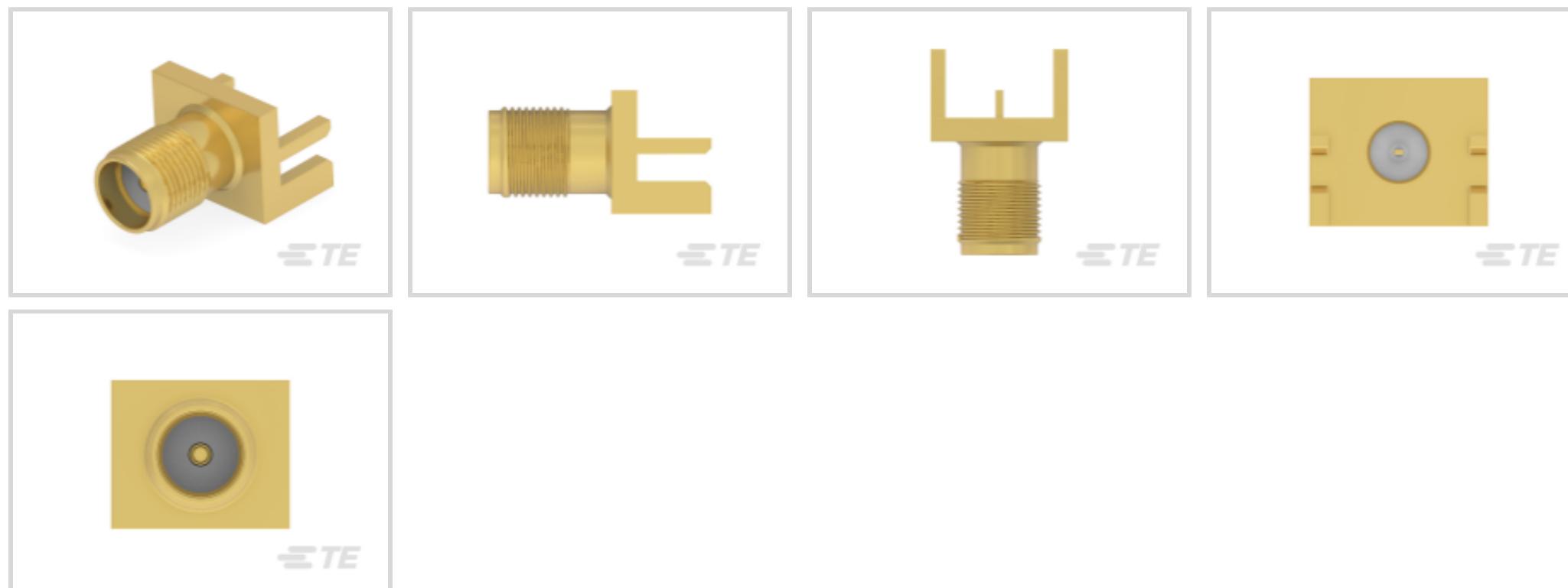
**SMA**

TE Internal #: 2484637-1

SMA Connector, Jack, 50 ohm, Threaded, 18 GHz, Cable-to-Board, 1 Position, Printed Circuit Board, Board Mount, -65 – 165 °C [-85 – 329 °F], Brass, SMA

[View on TE.com >](#)

Connectors &gt; RF Connectors &gt; Coax Connectors

RF Interface: **SMA**RF Connector Style: **Jack**Impedance: **50 Ω**RF Connector Coupling Mechanism: **Threaded**Operating Frequency Range: **18 GHz****Features****Product Type Features**

RF Interface	SMA
RF Connector Style	Jack
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

**Configuration Features**

PCB Mount Orientation	Edge
Number of Positions	1
Number of Coaxial Contacts	1

**Electrical Characteristics**

Impedance	50 Ω
-----------	------

**Body Features**

Body Underplating Material	Nickel
Body Material	Brass

Body Material Finish

Plated

Body Plating Material

Gold

**Contact Features**30  $\mu$ in

Outer Contact Plating Material

Gold (Au)

RF Connector Contact Configuration

Captivated

RF Connector Center Contact Underplating Material

Nickel

RF Connector Center Contact Plating Material

Gold (Au)

RF Connector Center Contact Material

Beryllium Copper

**Termination Features**

Termination Method to PCB

Surface Mount

Termination Post &amp; Tail Length

4.75 mm

**Mechanical Attachment**

RF Connector Coupling Mechanism

Threaded

Connector Mounting Type

Board Mount

RF Contact Captivation Method

Mechanical

**Usage Conditions**

Operating Temperature Range

-65 – 165 °C [-85 – 329 °F]

**Operation/Application**

Operating Frequency Range

18 GHz

**Packaging Features**

Packaging Quantity

100

Packaging Method

Tray

**Other**

Dielectric Material

Polytetrafluoroethylene (PTFE)

**Product Compliance**

For compliance documentation, visit the product page on TE.com&gt;

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)

Candidate List Declared Against: JAN 2025

(247)

SVHC &gt; Threshold:

Pb (4% 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**

TE Part # CSD-SMAM-610-NM  
SMA to SMA 610mm RG58



TE Part # CSA-SMAM-216-RSFB  
SMA to RP-SMA 216mm RG174



TE Part # CONSMA012  
SMA RA Plug 50 Ohm Cable Crimp



TE Part # 2477465-1  
SMA Plug to SMA Plug RA 18 GHz SUS



TE Part # CSE-SGAM-305-SGAM  
SMA to SMA 305mm RG316



TE Part # 2466282-1  
SMA PLUG STR SOLDER .085 .086 18  
GHZ SUS



TE Part # CONSMA007  
SMA Plug 50 Ohm Cable Crimp



TE Part # 2486504-1  
SMA Plug RA Direct Solder RG-142/U  
SUS

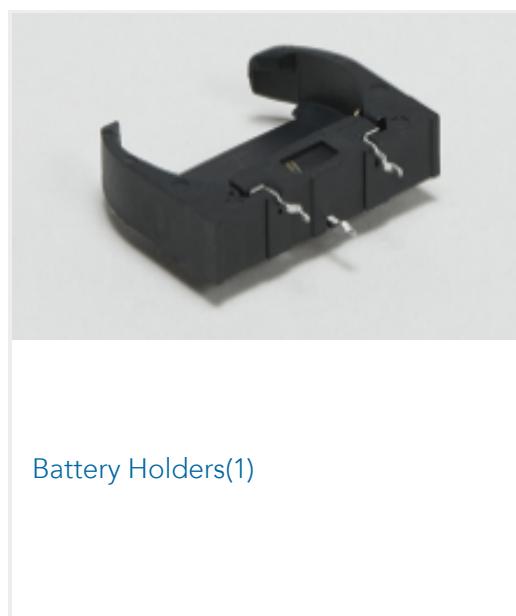


TE Part # 2485920-1  
SMA Plug to SMA Jack RA 15.9mm  
18G SUS

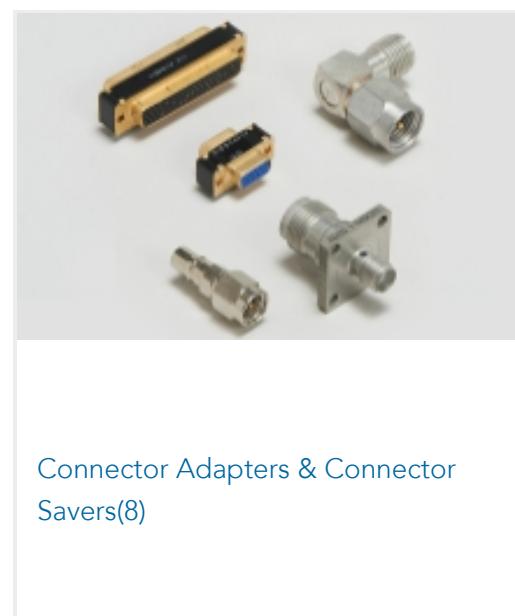


TE Part # 2485919-1  
SMA Plug to SMA Jack RA 17.1mm  
18G SUS

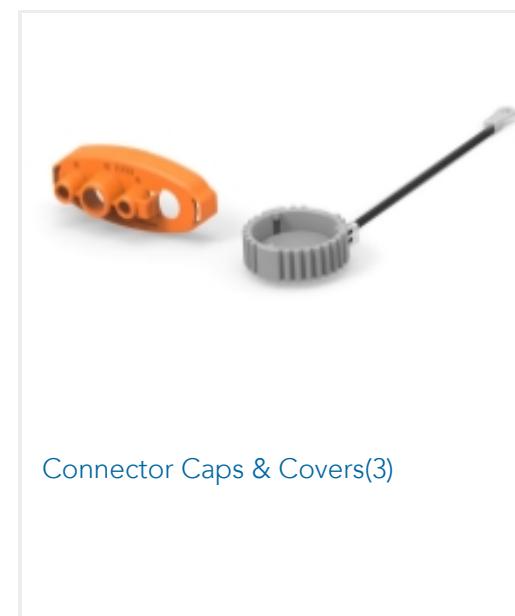
## Also in the Series | SMA



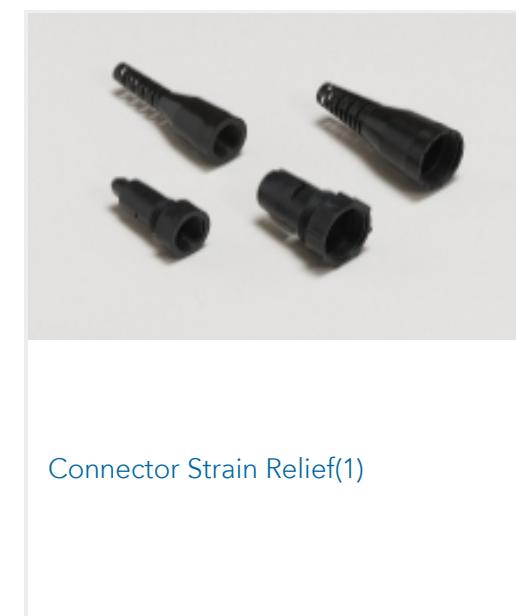
Battery Holders(1)



Connector Adapters & Connector Savers(8)



Connector Caps & Covers(3)



Connector Strain Relief(1)



RF Cable Assemblies(119)

## Customers Also Bought



TE Part #822792-SF  
RT8122-50-1M0



TE Part #358028-000  
382A023-3/86-0



TE Part #6182053001  
TR16-6.0-0



TE Part #L9000276-01  
SMA Plug 50 Ohm .062 PCB Edge  
Mount



TE Part #823228-SF  
RV8140-16-S13



TE Part #1473150-4  
SEMI-HARD TRAY ASSY DDR2  
SODIMM 5.2H RV



TE Part #1532212-1  
M83513/01-DN, MCKS-N1-B-25PS



TE Part #2176157-1  
TLM 2010 0.75W R01 5% 100PPM 4K RL



## Documents

### Product Drawings

[SMA Jack Edge .062 PCB Solder Tab 18 GHz](#)

English

---

### CAD Files

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_2484637-1\\_1.2d\\_dxf.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_2484637-1\\_1.3d\\_igs.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_2484637-1\\_1.3d\\_stp.zip](#)

English

### 3D PDF

3D

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

---

### Datasheets & Catalog Pages

[rf-connectors-product-extension-flyer-en](#)

English

[test-probe-connector-en-flyer](#)

English

---

### Product Specifications

[Product Specification](#)

English