

SMA-J-P-H-ST-TH1



SMA-J-P-H-RA-TH1



SMA-J-W-H-ST-BHA



SMA-J-P-H-ST-EM1



SMA-J-P-H-ST-PN2



SMA-J-P-H-ST-PN4



**SMA, SMA-W SERIES**

# 50Ω SMA JACKS

**Mates with:**  
RF174, RF316, RF058,  
RF405, RF402, PCRf

**SPECIFICATIONS**

For complete specifications and recommended PCB layouts see [www.samtec.com?SMA-TH](http://www.samtec.com?SMA-TH), [www.samtec.com?SMA-SM](http://www.samtec.com?SMA-SM), [www.samtec.com?SMA-EM](http://www.samtec.com?SMA-EM), [www.samtec.com?SMA-MT](http://www.samtec.com?SMA-MT) or [www.samtec.com?SMA-PN](http://www.samtec.com?SMA-PN)

**Contact Material:**

BeCu

**Shell Material:**

Brass

**Insulator Material:**

PTFE (-PN)

**Operating Temp Range:**

-65°C to +125°C

**Contact Resistance:**

Center Contact: 6mΩ max

Outer Contact: 2mΩ max

**Insulator Resistance:**

5,000 MΩ

**Impedance:**

50Ω

**Dielectric Withstanding Voltage:**

1,000 Vrms

**Frequency Range:**

0-6 GHz

(Cable dependent)

**Working Voltage:**

335V

**RoHS Compliant:**

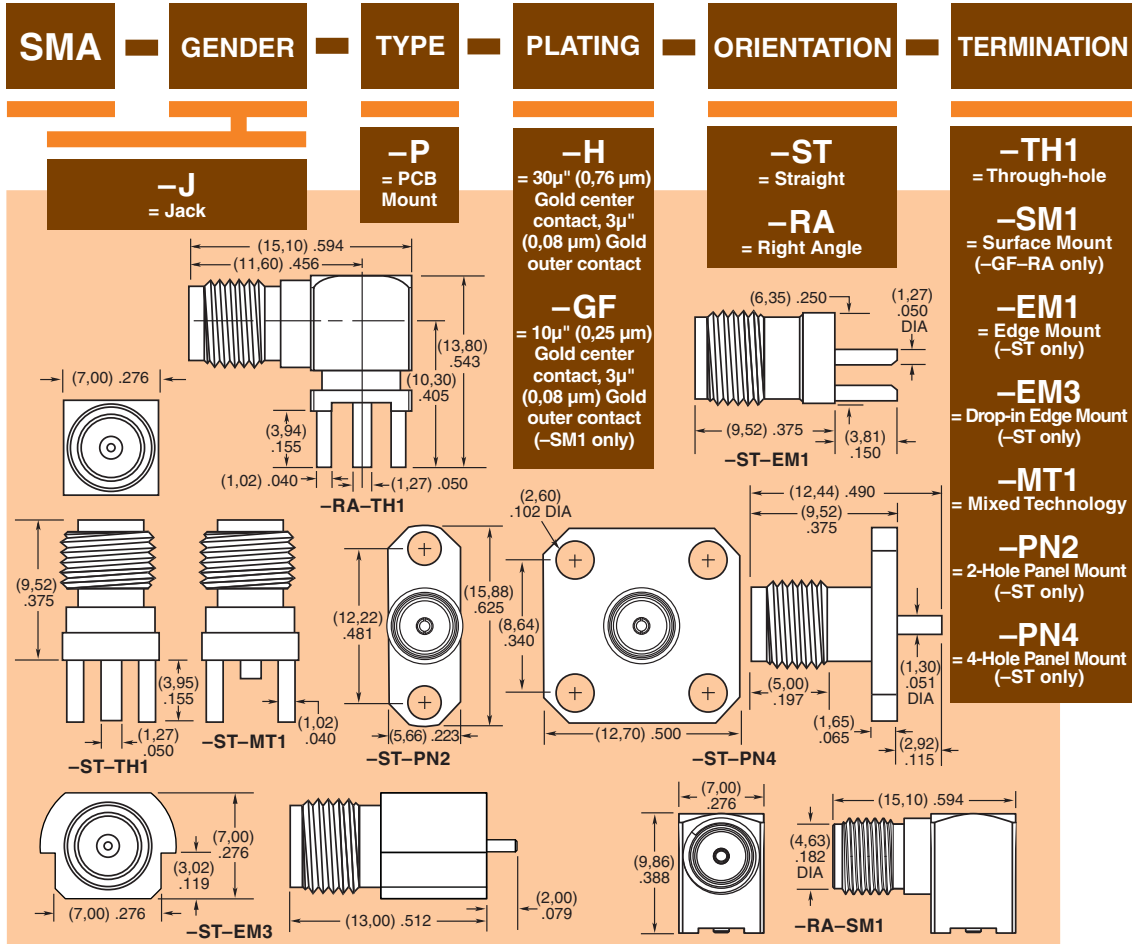
Yes

**Processing:**

Lead-Free Solderable:

Yes

**Note:** While optimized for 50Ω applications, this connector can also perform well in certain 75Ω applications. Contact [RFGroup@samtec.com](mailto:RFGroup@samtec.com) for further information.



**SPECIFICATIONS**

For complete specifications and assembly instructions see [www.samtec.com?SMA-BH](http://www.samtec.com?SMA-BH)

**Contact Material:** Copper Alloy

Shell Material: Brass

**Insulator Material:** PTFE

**Operating Temperature:**

-65°C to +125°C

**Voltage Rating:** 335V

**Dielectric Withstanding Voltage:** 1,000 Vrms

**Frequency Range:** 0-6 GHz

(Cable dependent)

**Contact Resistance:**

Center Contact: 6mΩ max

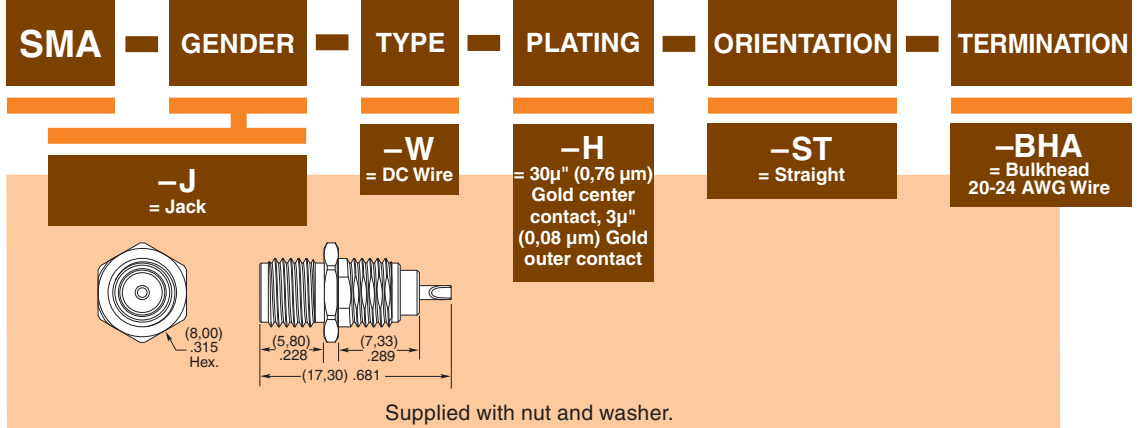
Outer Contact: 2mΩ max

**Insulator Resistance:**

5,000 MΩ

**Impedance:** 50Ω

RoHS Compliant: Yes



Supplied with nut and washer.

Due to technical progress, all designs, specifications and components are subject to change without notice.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)