

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 & PLUGS

## Mates with:

RF174, RF316, RF058,  
RF178, 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

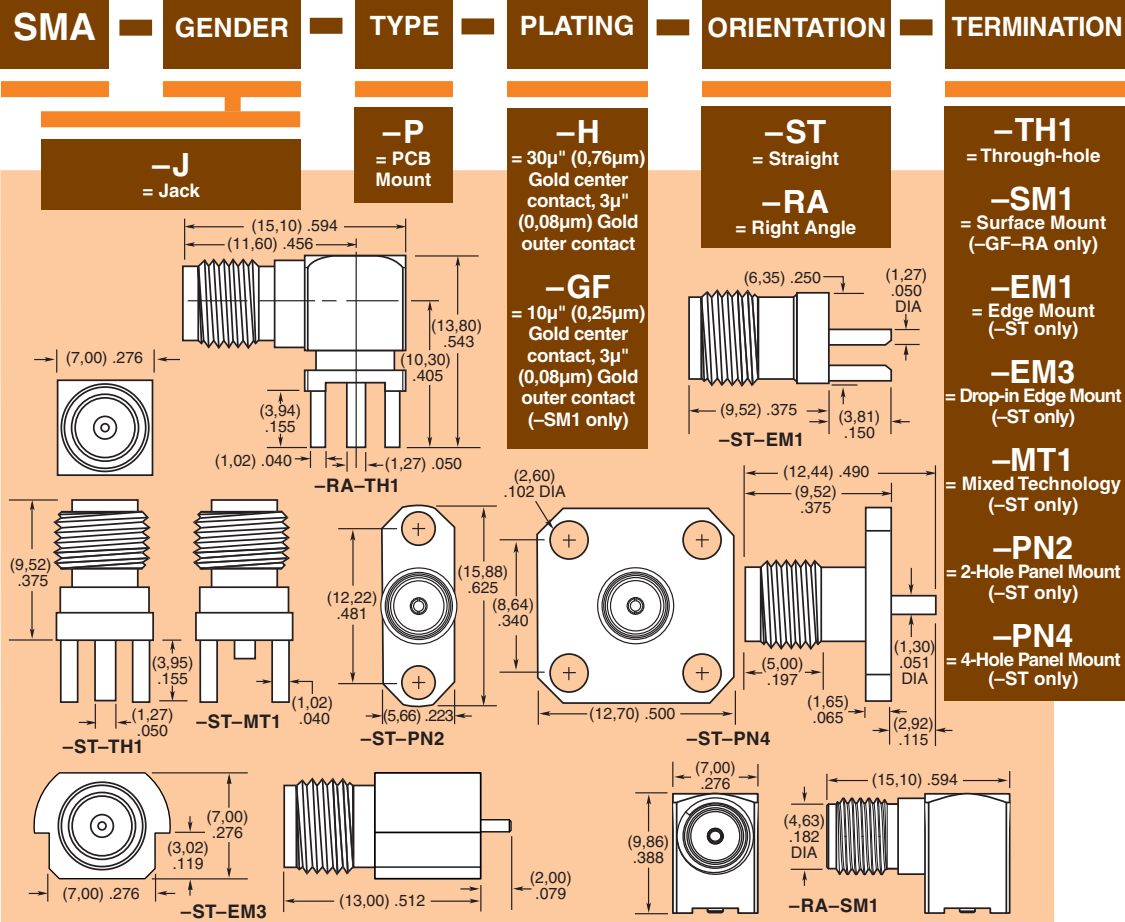
## RoHS Compliant:

Yes

## Processing:

Lead-Free Solderable:

Yes



## 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

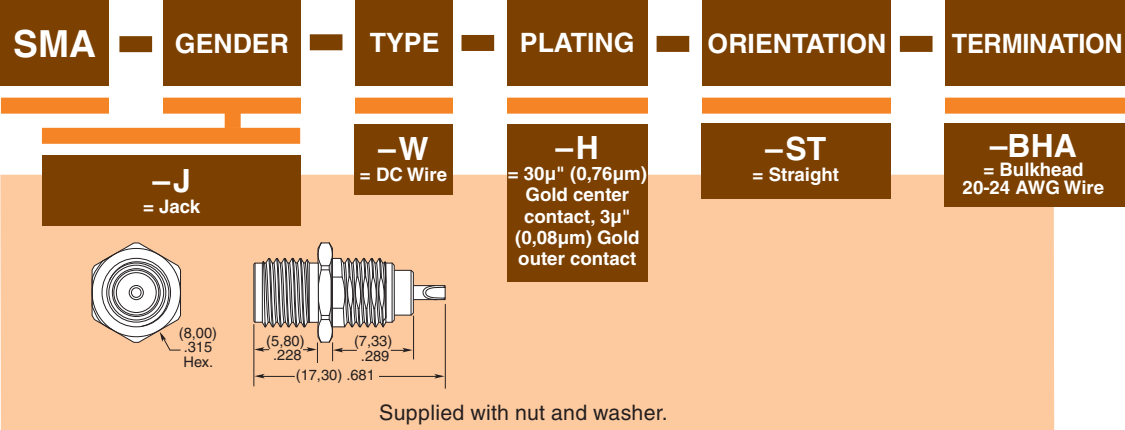
Outer Contact: 2mΩ max

## Insulator Resistance:

5,000 MΩ

## Impedance: 50Ω

## RoHS Compliant: Yes



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

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