

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

SMA

GENDER

TYPE

PLATING

ORIENTATION

TERMINATION

**-J**  
= Jack

**-P**  
= PCB Mount

**-H**  
= 30μ" (0,76μm)  
Gold center contact, 3μ"  
(0,08μm) Gold outer contact

**-GF**  
= 10μ" (0,25μm)  
Gold center contact, 3μ"  
(0,08μm) Gold outer contact  
(-SM1 only)

**-ST**  
= Straight

**-RA**  
= Right Angle

**-TH1**  
= Through-hole

**-SM1**  
= Surface Mount  
(-GF-RA only)

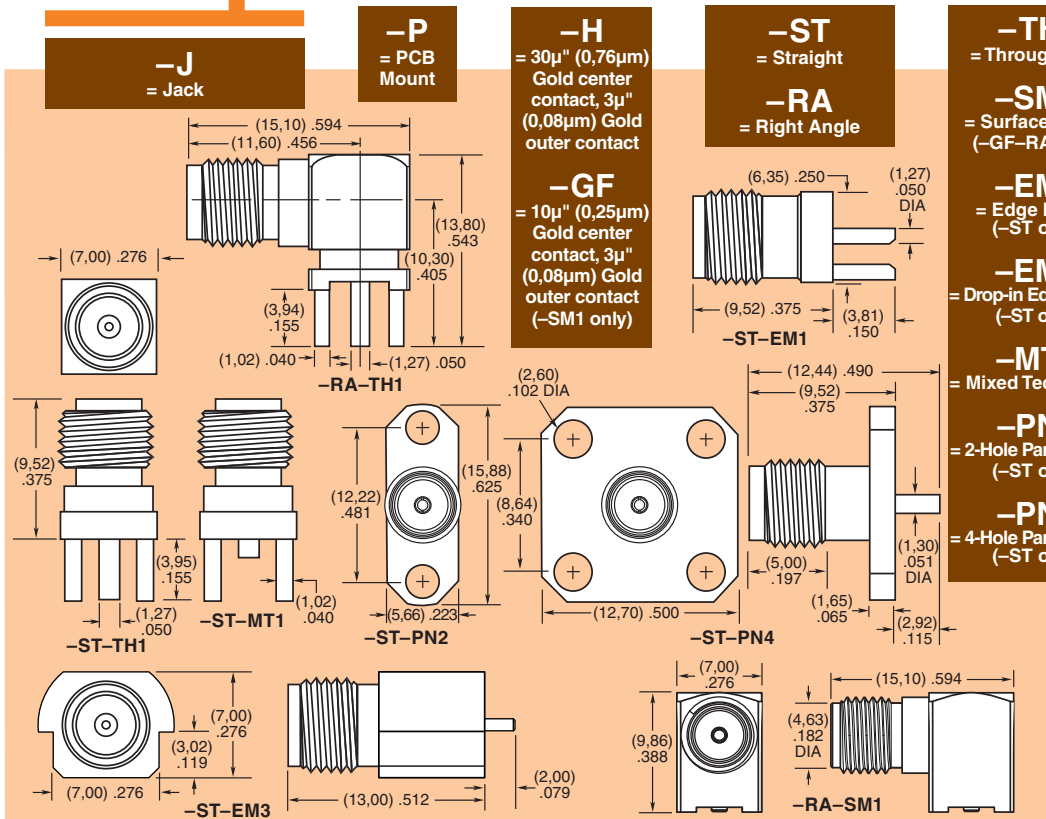
**-EM1**  
= Edge Mount  
(-ST only)

**-EM3**  
= Drop-in Edge Mount  
(-ST only)

**-MT1**  
= Mixed Technology

**-PN2**  
= 2-Hole Panel Mount  
(-ST only)

**-PN4**  
= 4-Hole Panel Mount  
(-ST only)



## 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

SMA

GENDER

TYPE

PLATING

ORIENTATION

TERMINATION

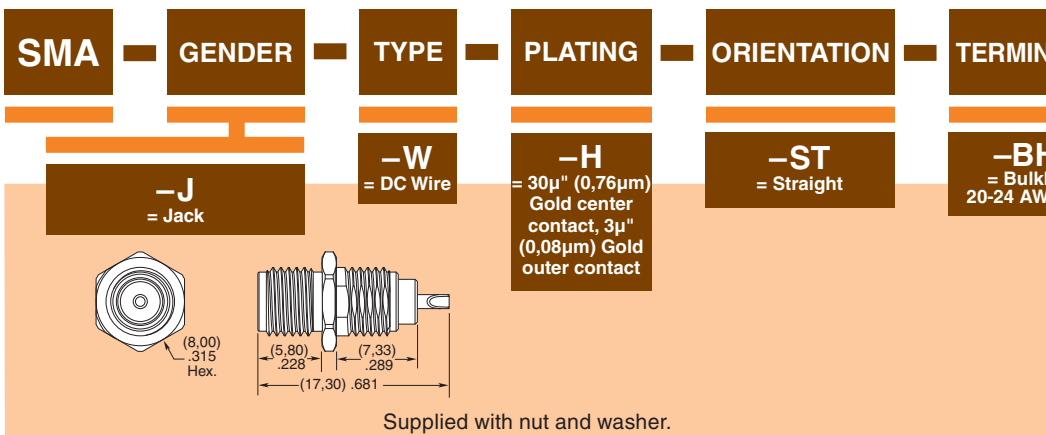
**-J**  
= Jack

**-W**  
= DC Wire

**-H**  
= 30μ" (0,76μm)  
Gold center contact, 3μ"  
(0,08μm) Gold outer contact

**-ST**  
= Straight

**-BHA**  
= Bulkhead  
20-24 AWG Wire



Supplied with nut and washer.

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

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