

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, www.samtec.com?SMA-SM, www.samtec.com?SMA-EM, www.samtec.com?SMA-MT or 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:

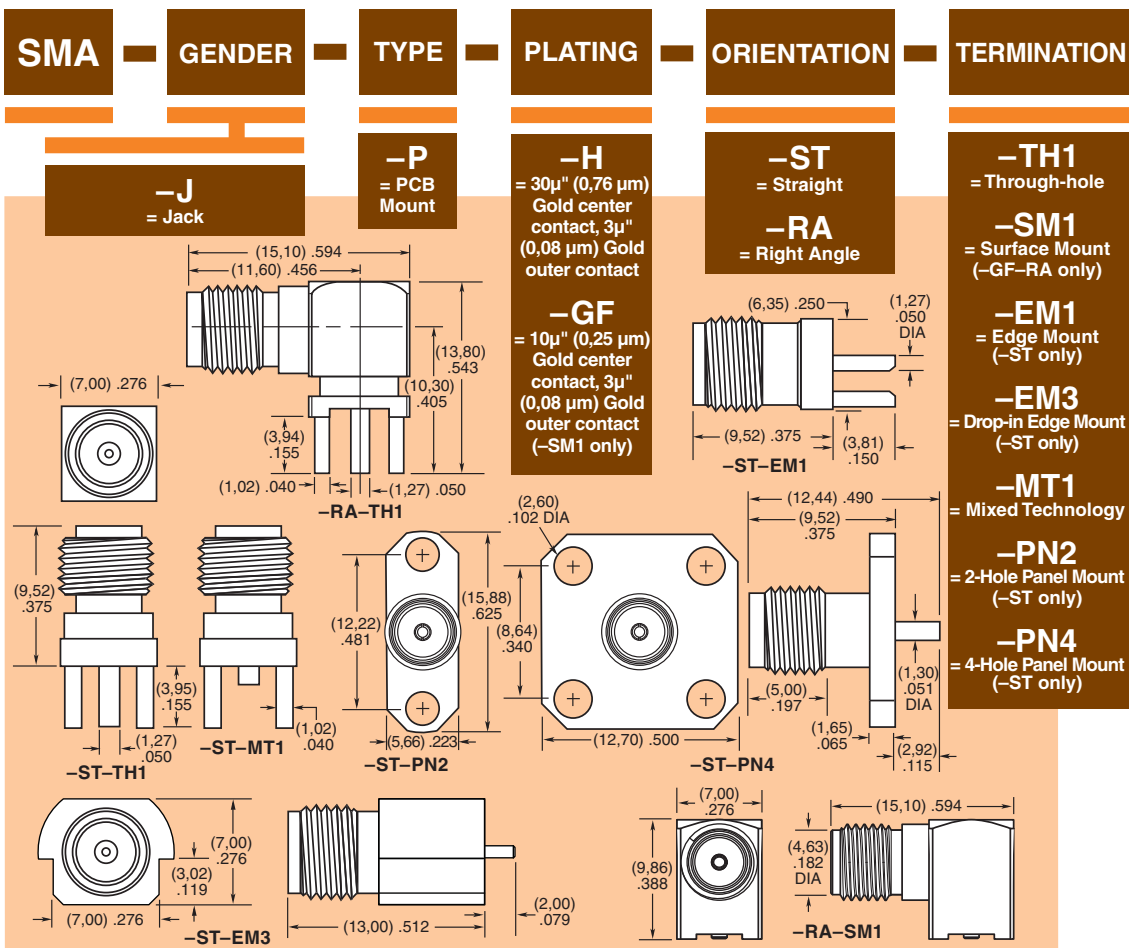
Yes

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 for further information.



SPECIFICATIONS

For complete specifications and assembly instructions see 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:

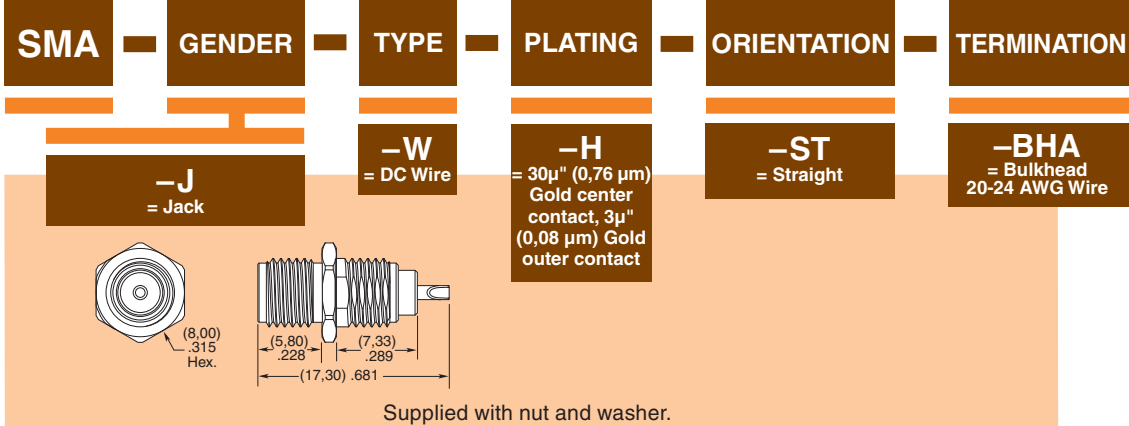
5,000 MΩ

Impedance:

50Ω

RoHS Compliant:

Yes



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

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