

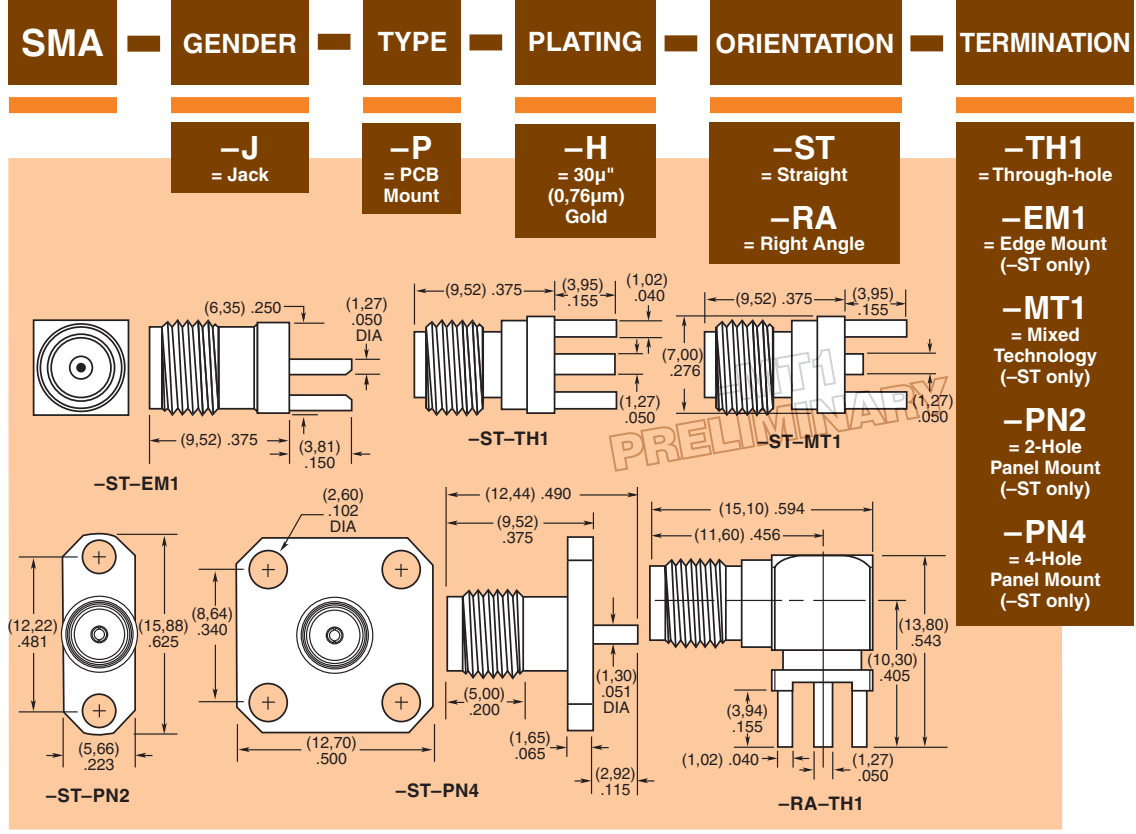
# 50Ω SMA & SMB JACKS SMA, SMB5 SERIES

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?SMA](http://www.samtec.com?SMA)

**Contact Material:** BeCu  
**Shell Material:** Brass  
**Insulator Material:** Teflon (-PN)  
**Operating Temp Range:** -40°C to +90°C  
**Contact Resistance:** Center Contact: 6mΩ max  
 Outer Contact: 2mΩ max  
**Insulator Resistance:** 5,000 MΩ  
**Impedance:** 50Ω  
**Dielectric Withstanding Voltage:** 500 Vrms min (-EM1 & -PN)  
 750 Vrms min (-TH1)  
**Working Voltage:** 170 Vrms max  
**RoHS Compliant:** Yes

**Processing:** Lead-Free Solderable: Yes

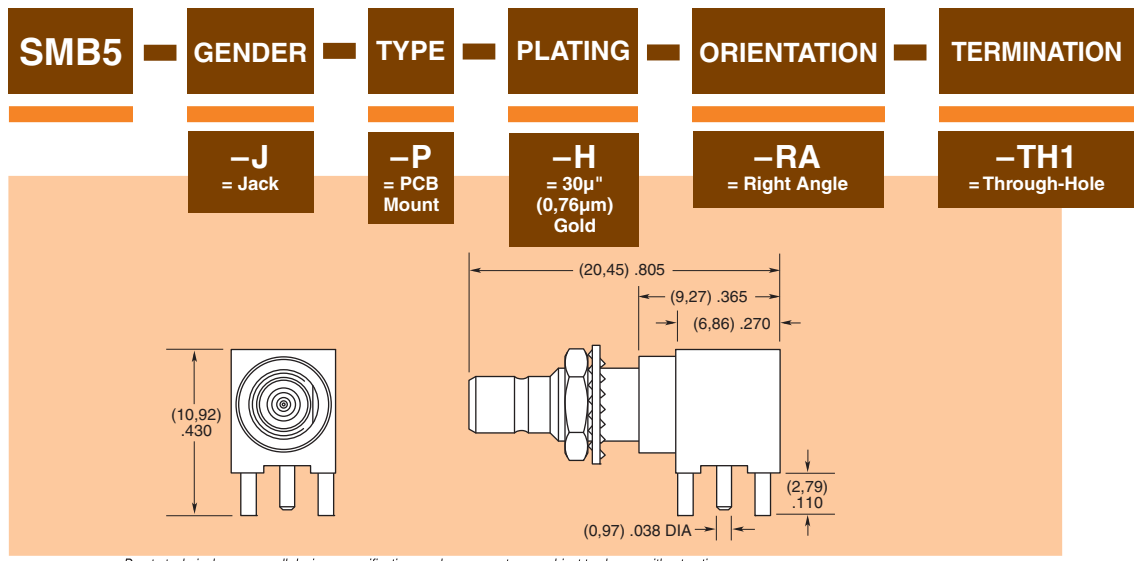


## SPECIFICATIONS

For complete specifications and recommended Cable Stripping see [www.samtec.com?SMB5](http://www.samtec.com?SMB5)

**Shell Material:** Brass  
**Contact Material:** Brass  
**Insulator Material:** PTFE  
**Impedance:** 50Ω  
**Frequency Range:** 0-4 GHz  
**V.S.W.R:** 1.5 max  
**Working Voltage:** 250 Vrms max  
**Dielectric Withstanding:** 750 Vrms min  
**Contact Resistance:** Center Contact: 6mΩ max  
 Outer Contact: 2.5mΩ max  
**Insulator Resistance:** 1000 MΩ min  
**RoHS Compliant:** Yes

**Processing:** Lead-Free Solderable: Yes



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

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