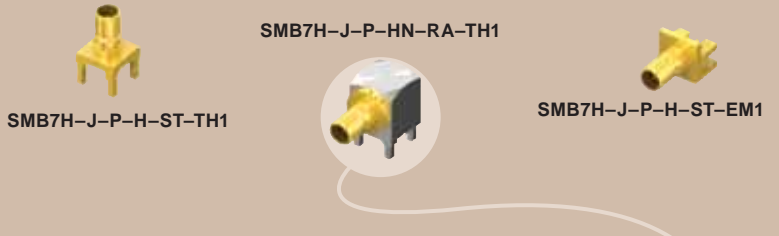




SMB7H SERIES



75Ω OPTIMIZED SMB JACKS

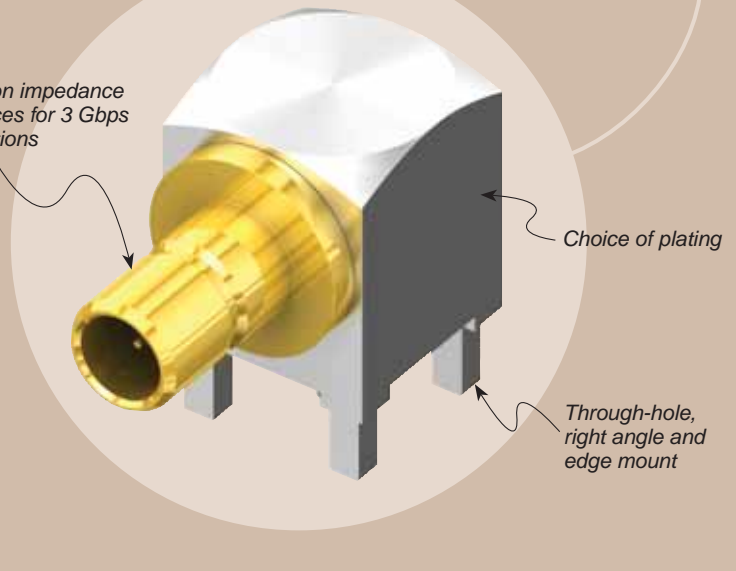
SPECIFICATIONS

For complete specifications and recommended Cable Stripping see www.samtec.com?SMB7H

- Shell Material:** Brass
- Contact Material:** Brass
- Insulator Material:** PTFE
- Impedance:** ST = 75Ω ±3Ω
RA = 75Ω ±4Ω
- Frequency Range:** 0~4 GHz
- V.S.W.R:** 1.3 max
(With optimized launch design)
- Working Voltage:** 335 Vrms max
- Dielectric Withstanding:** 1000 Vrms min
- Contact Resistance:** Center Contact: 6mΩ max
Outer Contact: 1mΩ max
- Insulator Resistance:** 1000 MΩ min
- RoHS Compliant:** Yes
- Processing:** Lead-Free Solderable: Yes

Mates with: RF179

Precision impedance tolerances for 3 Gbps applications



Choice of plating

Through-hole, right angle and edge mount

SMB7H — GENDER — TYPE — PLATING — ORIENTATION — TERMINATION

-J
= Jack

-P
= PCB Mount

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

-HN
= 30μ" (0,76μm)
Gold center contact,
3μ" (0,08μm)
Gold outer contact,
50μ" (1,27μm)
Nickel body
(Available on -RA only)

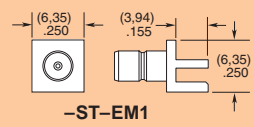
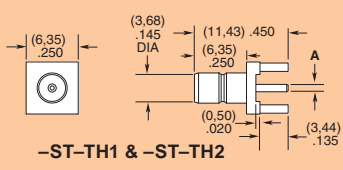
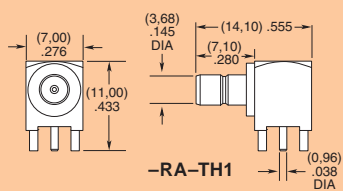
-ST
= Straight

-RA
= Right Angle

-TH1
= Through-hole
(0,90mm .035" DIA
Signal Pin)

-TH2
= Through-hole
(0,51mm .021" DIA
Signal Pin)

-EM1
= Edge Mount
(-ST only)



TERMINATION	A (DIA)
-TH1	(0,90) .035
-TH2	(0,51) .021

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

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