



SMB5 SERIES

50Ω SMB JACKS & PLUGS

Mates with:
RF174, RF316

SPECIFICATIONS

For complete specifications and recommended Cable Stripping see 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
- Operating Temp Range:** -65°C to +125°C
- RoHS Compliant:** Yes

Processing:
Lead-Free Solderable:
Yes

SMB5	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION
	-J = Jack	-P = PCB Mount	-H = 30μ" (0,76μm) Gold center contact, 3μ" (0,08μm) Gold outer contact	-RA = Right Angle	-TH1 = Through-Hole

SPECIFICATIONS

For complete specifications and assembly instructions see www.samtec.com?SMB5

- Shell Material:** Brass
- Contact Material:** Brass (-J), Phosphor Bronze (-P-ST), BeCu (-P-RA)
- Center Contact:** Soldered
- Outer Ferrule:** Crimped
- Insulator Material:** PTFE
- Impedance:** 50Ω
- Frequency Range:** 0-4 GHz
- V.S.W.R.:** 1.3 max (-ST), 1.5 max (-RA)
- Working Voltage:** 335 Vrms max
- Dielectric Withstanding:** 1000 Vrms min
- Contact Resistance:** Center Contact: 6mΩ max
Outer Contact: 2.5mΩ max
- Insulator Resistance:** 1000 MΩ min
- Operating Temp Range:** -65°C to +125°C

SMB5	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION
	-P = Plug -J = Jack	-C = Cable	-H = 30μ" (0,76μm) Gold center contact, 3μ" (0,08μm) Gold outer contact	-ST = Straight -RA = Right Angle (-P only)	-CA1 = RG 316 Cable (-P only) -BH1 = RG 316 Cable (-J only)

Supplied with pins, washers, nuts and ferrules. See website for dimensions.

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

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