

SMA-J-C-H-ST-BH1

SMB5-P-C-H-ST-CA1

SMA-P-C-H-ST-CA1

SMB5-P-C-H-RA-CA1

SMA-CA, SMA-BH, SMA-BR, SMB5-CA, SMB5-BH SERIES

50Ω SMA & SMB COMPONENTS

SPECIFICATIONS

For complete specifications and assembly instructions see www.samtec.com?SMA-CA or www.samtec.com?SMA-BH

Shell Material: Brass
Contact Material: Brass
Center Contact: Soldered
Outer Ferrule: Crimped
Operating Temperature: -65°C to +165°C
Voltage Rating: 170V max
Dielectric Withstanding Voltage: 750 Vrms
Contact Resistance: Center Contact: 6mΩ max
 Outer Contact: 2mΩ max
Insulator Resistance: 5000 MΩ
Impedance: 50Ω

SMA	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION
	-P = Plug -J = Jack	-C = Cable	-H = 30μ" (0,76μm) Gold	-ST = Straight -RA = Right Angle (-P only)	-CA1 = RG 174 / 316 Cable (-P only) -BH1 = Bulkhead RG 174 / 316 Cable (-J-ST only) -BH2 = Bulkhead RG 178 Cable (-J-ST only) -BR1 = Bulkhead RG 178 Cable, Reversed Polarity (-J-ST only)

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

SPECIFICATIONS

For complete specifications and assembly instructions see www.samtec.com?SMB5-CA or www.samtec.com?SMB5-BH

Shell Material: Brass
Contact Material: Brass (-J), Phosphor Bronze (-P-ST), BeCu (-P-RA)
Center Contact: Soldered
Outer Ferrule: Crimped
Insulator Material: *Teflon®
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

*Teflon® is a trademark of Dupont.

SMB5	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION
	-P = Plug -J = Jack	-C = Cable	-H = 30μ" (0,76μm) Gold	-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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