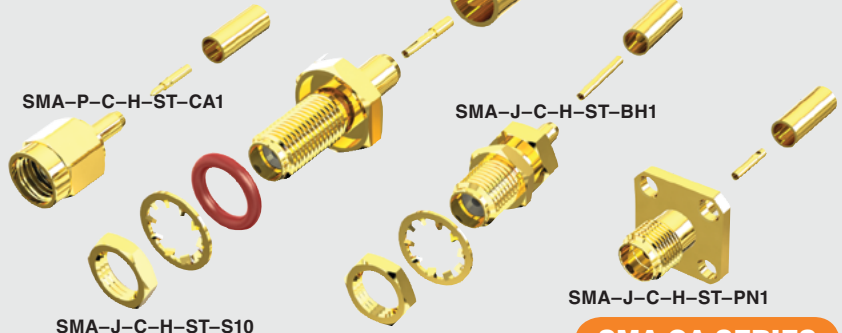
samtec



SMA-CA SERIES

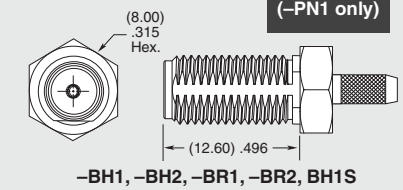
50 Ω SMA COMPONENTS

SPECIFICATIONS

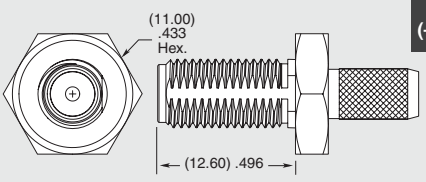
For complete specifications and assembly instructions see www.samtec.com?SMA-CA

Shell Material:
Brass
Contact Material:
Brass
Center Contact:
Soldered
Outer Ferrule:
Crimped
Operating Temperature:
-65 °C to +125 °C
Voltage Rating:
335 V
Dielectric Withstanding Voltage:
1,000 Vrms
Frequency Range:
0~20 GHz
(Cable dependent)
Impedance:
50 Ω

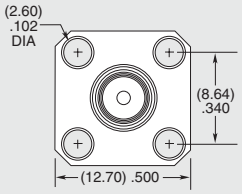
SMA	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION
	–J = Jack	–C = Cable –C4 = Cable 4–Mounting Screws (–PN1 only)	–H = 30 µ" (0.76 µm) Gold center contact, 3 µ" (0.08 µm) Gold outer contact (N/A with –BH1S) –HF = 30 µ" (0.76 µm) Gold center contact, 3 µ" (0.08 µm) Gold outer contact (–BH1S only)	–ST = Straight	–BH1 = Bulkhead RG 174 / 316 Cable –BH2 = Bulkhead RG 178 Cable –BR1 = Bulkhead RG 174 / 316, Reversed Polarity –BR2 = Bulkhead RG 178 Cable, Reversed Polarity –BH1S = Bulkhead RG 316 Cable, Double Shield –B10 = Bulkhead RG 58 Cable –PN1 = 4-Hole Panel Mount RG 174 / 316 Cable –S10 = Sealed Bulkhead RG 58 Cable

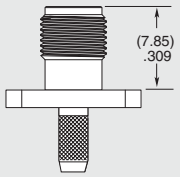


–BH1, –BH2, –BR1, –BR2, BH1S



–S10, –B10

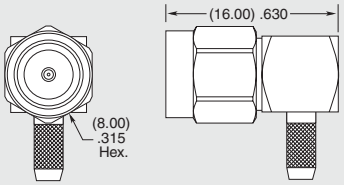




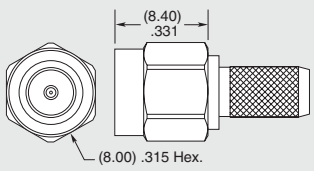
–PN1

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

SMA	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION
	–P = Plug	–C = Cable	–H = 30 µ" (0.76 µm) Gold center contact, 3 µ" (0.08 µm) Gold outer contact (–CA1, –CA10 only) –HF = 30 µ" (0.76 µm) Gold center contact, 3 µ" (0.08 µm) Gold outer contact (–CA7, –CA9, –CA1S only)	–ST = Straight –RA = Right-angle	–CA1 = RG 174 / 316 Cable –CA7 = RG 405 (.086" DIA) Semi-flexible Cable –CA9 = RG 402 (.141" DIA) Semi-flexible Cable –C10 = RG 58 Cable (–ST only) –CA1S = RG 316 Double Shielded Cable (–ST only)



–RA–CA1 & –RA–CA7



–ST–CA9 & –ST–C10

Supplied with pins and ferrules. See website for dimensions.