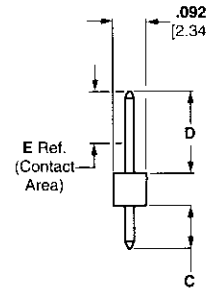
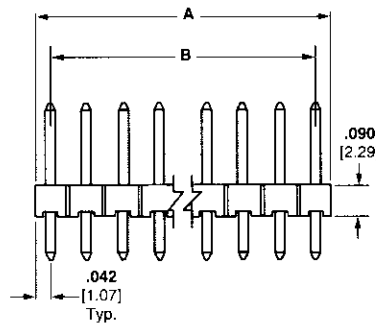
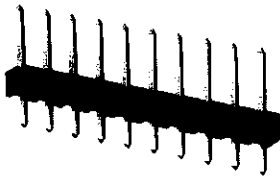


Breakaway Headers—Unshrouded, Single-Row, .100 [2.54] Centerline

.025 [0.64] Square Straight Post



Material and Finish:

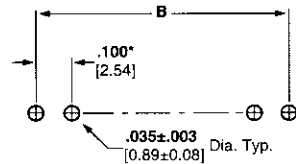
Housing—Black thermoplastic, 94V-0 rated

Posts—Phosphor bronze, plated as follows:

Plating A—Duplex plated .000030 [0.00076] gold on contact area, .000100-.000200 [0.00254-0.00508] tin-lead on solder area, with entire post underplated .000050 [0.00127] nickel

Plating B—Duplex plated .000015 [0.00038] gold on contact area, .000100-.000200 [0.00254-0.00508] tin-lead on solder area, with entire post underplated .000050 [0.00127] nickel

Plating C— .000100-.000200 [0.00254-0.00508] tin-lead over .000050 [0.00127] nickel on entire post



Recommended PC Board Hole Layout
(for .055 [1.40] min. thick PC board)

*±.003 [±0.08] tolerances not to accumulate within one connector pattern.

Related Product Data:

Mateable Connectors—Refer to the Mating Post Selection Guide (page 89)

Technical Documents (page 294):

See mating connector for applicable product and application specifications.

No. of Pos.	Dimensions		C = .090 [2.29] D = .230 [5.84] E = .185 [4.70]		C = .120 [3.05] D = .230 [5.84] E = .185 [4.70]			C = .125 [3.18] D = .318 [8.08] E = .200 [5.08]		
	A	B	Post Plating/Part Nos.		Post Plating/Part Nos.			Post Plating/Part Nos.		
			Plating A	Plating C	Plating A	Plating B	Plating C	Plating A	Plating B	Plating C
1	.084 [2.13]	—	103747-1	103741-1	103239-1	103185-1	103327-1	102976-1	102972-1	103321-1
2	.184 [4.67]	.100 [2.54]	103747-2	103741-2	103239-2	103185-2	103327-2	102976-2	102972-2	103321-2
3	.284 [7.21]	.200 [5.08]	103747-3	103741-3	103239-3	103185-3	103327-3	102976-3	102972-3	103321-3
4	.384 [9.75]	.300 [7.62]	103747-4	103741-4	103239-4	103185-4	103327-4	102976-4	102972-4	103321-4
5	.484 [12.29]	.400 [10.16]	103747-5	103741-5	103239-5	103185-5	103327-5	102976-5	102972-5	103321-5
6	.584 [14.83]	.500 [12.70]	103747-6	103741-6	103239-6	103185-6	103327-6	102976-6	102972-6	103321-6
7	.684 [17.37]	.600 [15.24]	103747-7	103741-7	103239-7	103185-7	103327-7	102976-7	102972-7	103321-7
8	.784 [19.91]	.700 [17.78]	103747-8	103741-8	103239-8	103185-8	103327-8	102976-8	102972-8	103321-8
9	.884 [22.45]	.800 [20.32]	103747-9	103741-9	103239-9	103185-9	103327-9	102976-9	102972-9	103321-9
10	.984 [24.99]	.900 [22.86]	1-103747-0	1-103741-0	1-103239-0	1-103185-0	1-103327-0	1-102976-0	1-102972-0	1-103321-0

Notes: 1. Headers may be broken to desired number of positions using **Tool Kit No. 314818-1** (not shown).
2. Other tail lengths are available, consult Tyco Electronics.