

**Breakaway Surface-Mount Headers—Unshrouded
Double-Row, .100 x .100 [2.54 x 2.54] Centerline**

**.025 [0.64] Square
Straight Post**

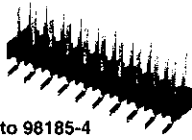


Photo 98185-4

Material and Finish:

Housing—Black thermoplastic, 94V-0 rated, high temperature compatible

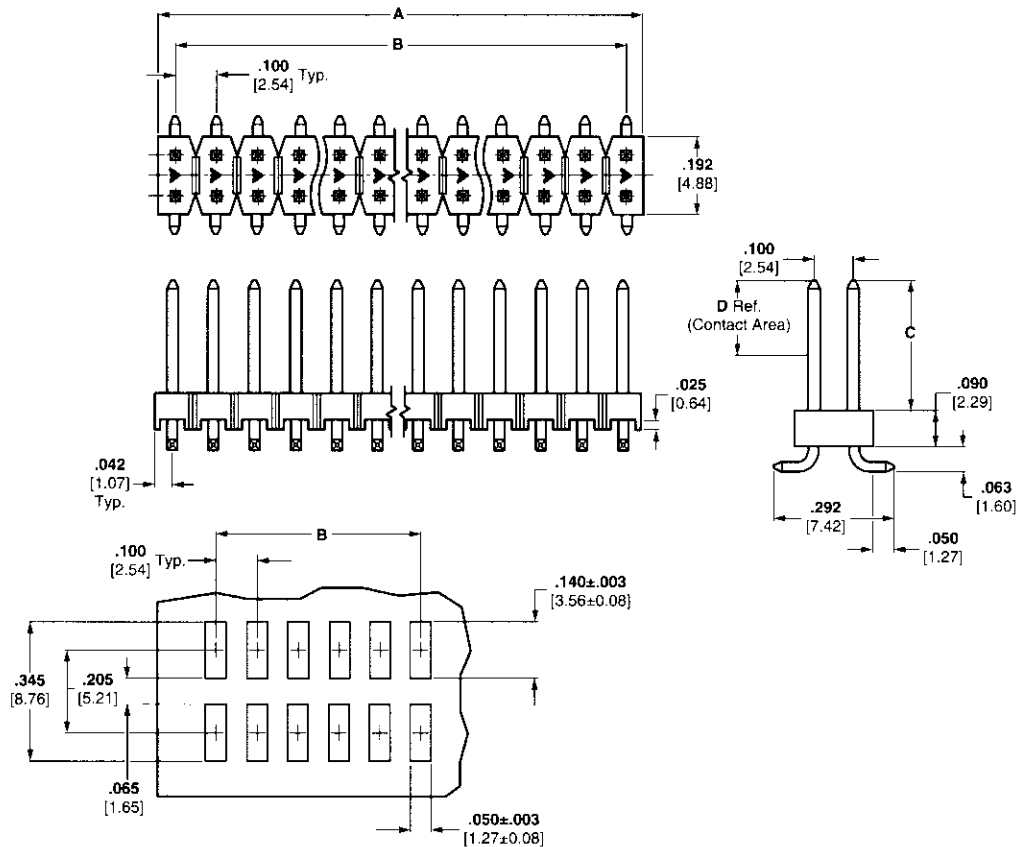
Posts—Phosphor bronze, plated as follows:

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

Related Product Data:

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



**Recommended Etched Circuit Layout
(Using .008 [0.20] thick stencil)**

No. of Pos.	Dimensions		C = .230 [5.84] D = .185 [4.70]		C = .320 [8.13] D = .200 [5.08]	
	A	B	Post Plating/Part Nos.		Post Plating/Part Nos.	
			Plating A	Plating B	Plating A	Plating B
4	.184 [4.67]	.100 [2.54]	146130-1	146134-1	146131-1	146135-1
6	.284 [7.21]	.200 [5.08]	146130-2	146134-2	146131-2	146135-2
8	.384 [9.75]	.300 [7.62]	146130-3	146134-3	146131-3	146135-3
10	.484 [12.29]	.400 [10.16]	146130-4	146134-4	146131-4	146135-4
12	.584 [14.83]	.500 [12.70]	146130-5	146134-5	146131-5	146135-5
14	.684 [17.37]	.600 [15.24]	146130-6	146134-6	146131-6	146135-6
16	.784 [19.91]	.700 [17.78]	146130-7	146134-7	146131-7	146135-7
18	.884 [22.45]	.800 [20.32]	146130-8	146134-8	146131-8	146135-8
20	.984 [24.99]	.900 [22.86]	146130-9	146134-9	146131-9	146135-9
22	1.084 [27.53]	1.000 [25.40]	1-146130-0	1-146134-0	1-146131-0	1-146135-0
24	1.184 [30.07]	1.100 [27.94]	1-146130-1	1-146134-1	1-146131-1	1-146135-1
26	1.284 [32.61]	1.200 [30.48]	1-146130-2	1-146134-2	1-146131-2	1-146135-2
28	1.384 [35.15]	1.300 [33.02]	1-146130-3	1-146134-3	1-146131-3	1-146135-3
30	1.484 [37.69]	1.400 [35.56]	1-146130-4	1-146134-4	1-146131-4	1-146135-4

Surface-Mount
Breakaway Headers

5