

Breakaway Surface-Mount Compatible, High Temperature Headers— Unshrouded, Double-Row, .100 [2.54] Centerline with Special Stand-offs

.025 [0.64] Square Straight Posts



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 tail, 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 tail, with entire post underplated .000050 [0.00127] nickel

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

Performance Characteristics (Board Retention Tails):

Insertion Force—12 lb [53.4N] Max.

Retention Force—25 lb [1.11N] Min.

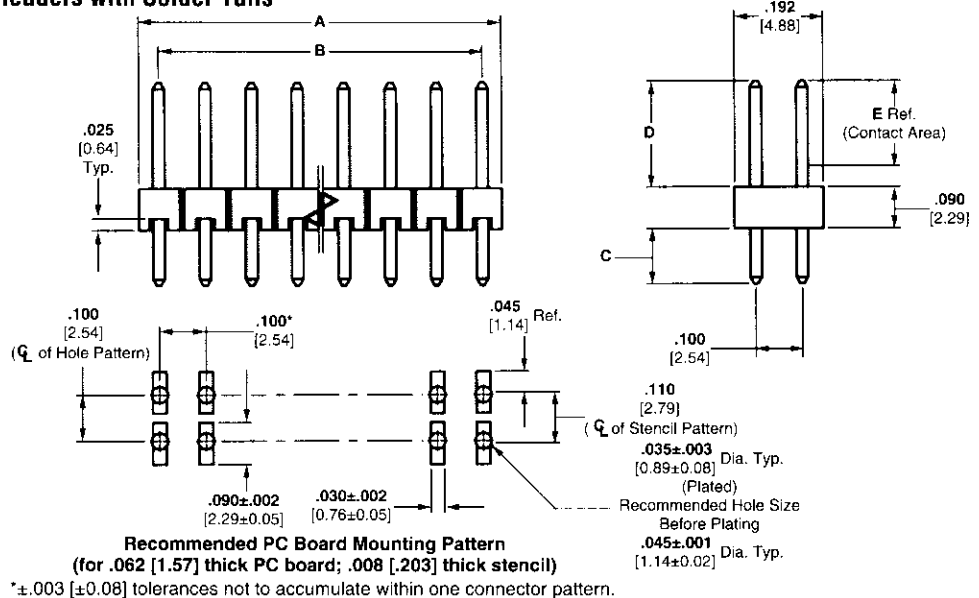
Related Product Data:

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

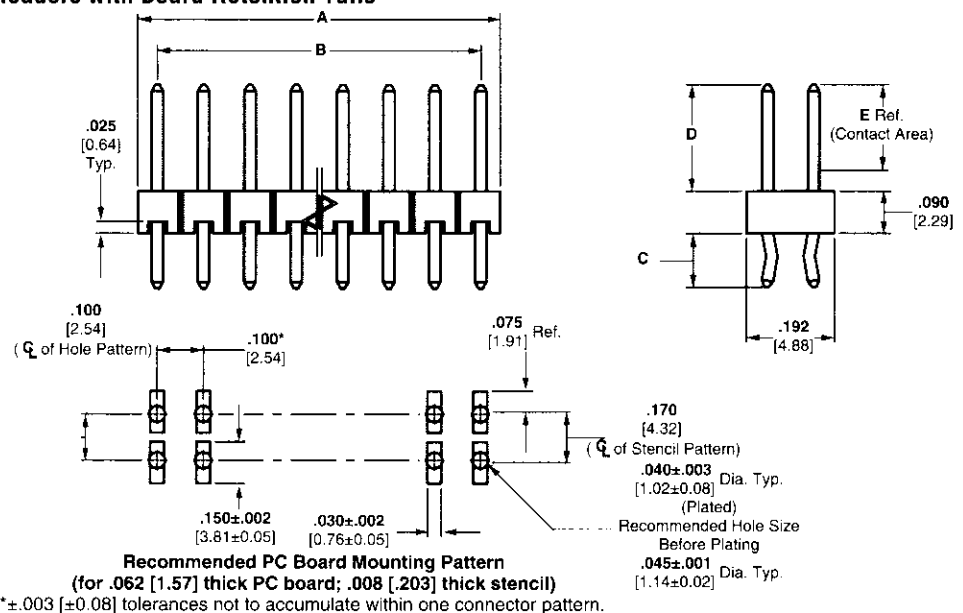
Technical Documents (page 294):

See mating connector for applicable product and application specifications.

Headers with Solder Tails



Headers with Board Retention Tails



Header Style	No. of Pos.	Dimensions		Post Plating/Part Nos.			Post Plating/Part Nos.			Post Plating/Part Nos.		
		A	B	Plating A	Plating B	Plating C	Plating A	Plating B	Plating C	Plating A	Plating B	Plating C
With Solder Tails (See Notes 1 and 2.)	2	.084 [2.13]	—	146261-1	146260-1	146258-1	146257-1	146256-1	146254-1	146253-1	146252-1	146250-1
	80	3.984 [101.19]	3.900 [99.06]	4-146261-0	4-146260-0	4-146258-0	4-146257-0	4-146256-0	4-146254-0	4-146253-0	4-146252-0	4-146250-0
With Board Retention Tails (See Note 2.)	2	.084 [2.13]	—	146273-1	146272-1	146270-1	146269-1	146268-1	146266-1	146265-1	146264-1	146262-1
	80	3.984 [101.19]	3.900 [99.06]	4-146273-0	4-146272-0	4-146270-0	4-146269-0	4-146268-0	4-146266-0	4-146265-0	4-146264-0	4-146262-0

Notes: 1. Headers without retention tails may be broken to the desired number of positions using Tool Kit No. 314818-1 (not shown).
2. Headers are also available in sizes 4 thru 78 positions. When ordering, add the prefix and/or suffix (dash) numbers to the base part number that corresponds with the number of positions per row. For example, the complete part number for a 16-position header with solder tails (C dimension .090 [2.29], post plating A) would be 146261-8. The complete part number for a 40-position header with board retention tails (C dimension .120 [3.05], post plating B) would be 2-146268-0. This part numbering system applies only to this page.

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Compatible
Surface Mount
High Temperature
Headers