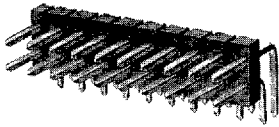


Surface Mount Compatible, High Temperature Headers — Unshrouded (AMPMODU) (Continued)

Double-Row .100 x .100 [2.54 x 2.54] Centers

.025 [0.64] Square
 Right-Angle Post



Material and Finish

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

Posts — Phosphor bronze, duplex plated .000030 [0.00076] gold on contact area, .000100-.000200 [0.00254-.0.00508] matte tin-lead on solder tail, with entire post underplated .000050 [0.00127] nickel

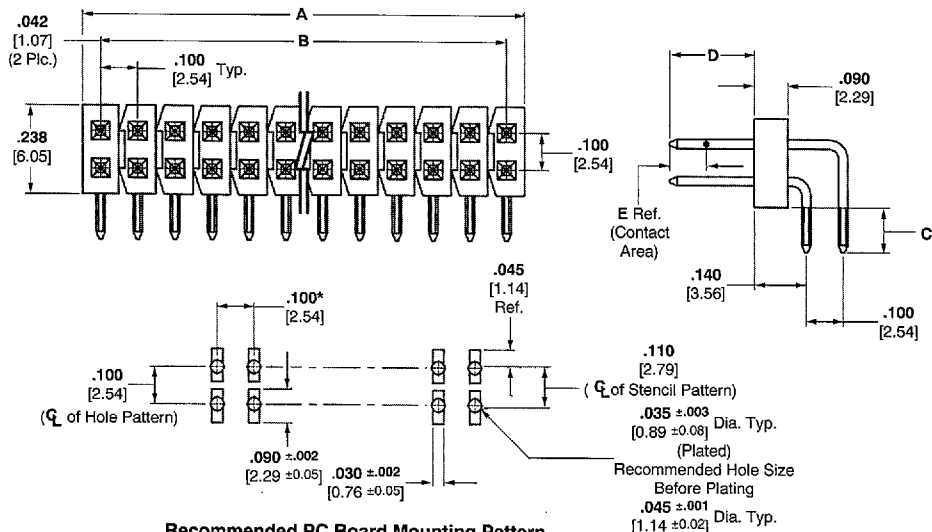
Performance Characteristics
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Related Product Data

Mateable Connectors —
 Catalog 65816

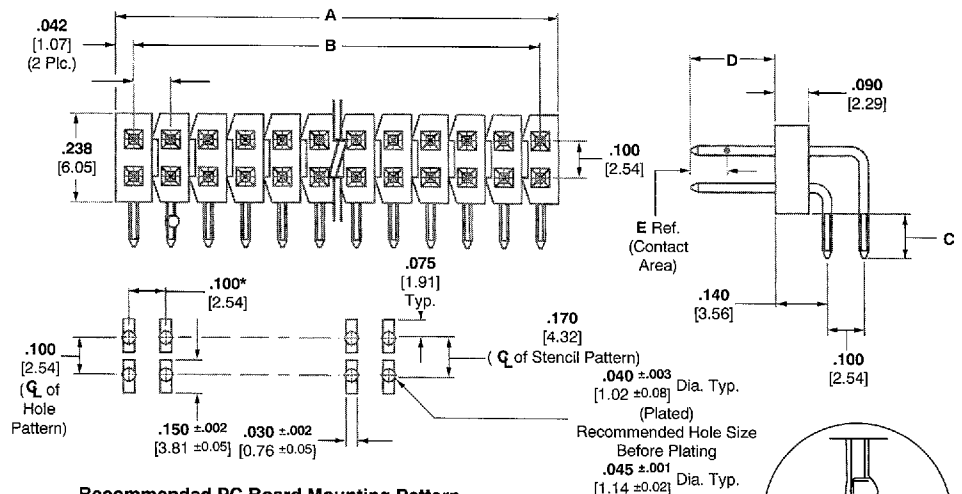
Packaging — Bag

Headers with Solder Tails

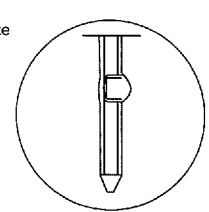


Recommended PC Board Mounting Pattern
 (for .063 [1.60] thick PC board; .012 [.305] thick stencil)
 *±.003 [±0.08] tolerances not to accumulate within one connector pattern.

Headers with Board Retention Tails



Recommended PC Board Mounting Pattern
 (for .063 [1.60] thick PC board; .012 [.305] thick stencil)
 *±.003 [±0.08] tolerances not to accumulate within one connector pattern.



Board Retention using Swaged Tails
 (All Header Sizes)

Header Style	No. of Pos.	Dimensions		Part Nos.	
		A	B	C = .120 [3.05] D = .230 [5.84] E = .185 [4.70]	C = .110 [2.79] D = .318 [8.08] E = .200 [5.08]
With Solder Tails (See Notes 1 and 2.)	2	.084 2.13	—	146308-1	146309-1
	80	3.984 101.19	3.900 99.06	4-146308-0	4-146309-0
With Board Retention Tails (See Note 2.)	2	.084 2.13	—	146310-1	146311-1
	80	3.984 101.19	3.900 99.06	4-146310-0	4-146311-0

Notes: 1. Headers without retention tails may be broken to the desired number of positions using **Hand Tool 91406-1**.
 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 .120 [3.05]) would be 146308-8. The complete part number for a 40-position header with board retention tails (C dimension .120 [3.05]) would be 2-146310-0. This part numbering system applies only to this page.



Hand Tool No. 91406-1