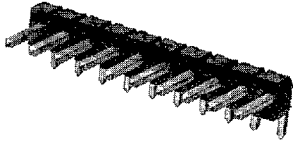


Surface Mount Compatible, High Temperature Headers — Unshrouded (AMPMODU) (Continued)

Single-Row .100 [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-.000508] matte tin-lead on solder tail, with entire post underplated .000050 [0.00127] nickel

Performance Characteristics

Electrical

Insulation Resistance —

5,000 megohms minimum initial

Dielectric Withstanding Voltage —

750 V rms at sea level

Current — 3 amperes maximum per single contact (dependent upon mating receptacle)

Environmental

Operating Temperature —

-65°C to +105°C

(Board Retention Tails)

Insertion Force — 12 lb [53.4N] Max.

Retention Force — .25 lb [1.11N] Min.

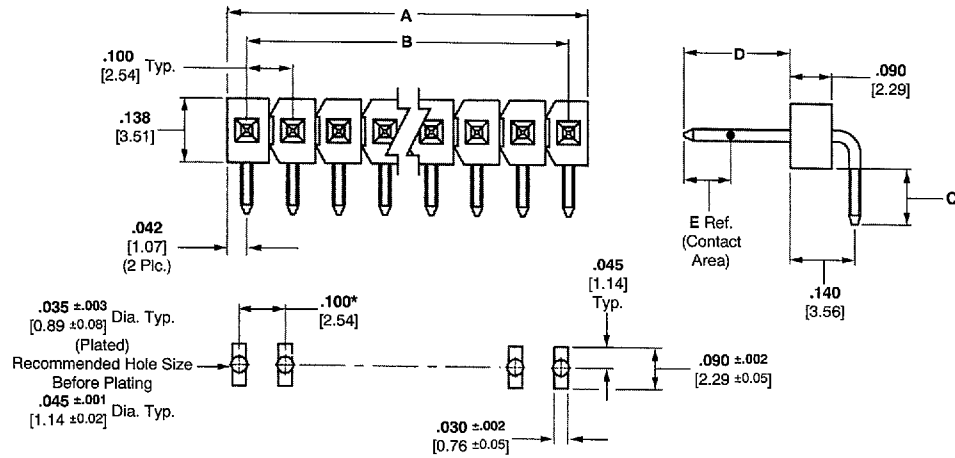
Related Product Data

Mateable Connectors —

Catalog 65816

Packaging — Bag

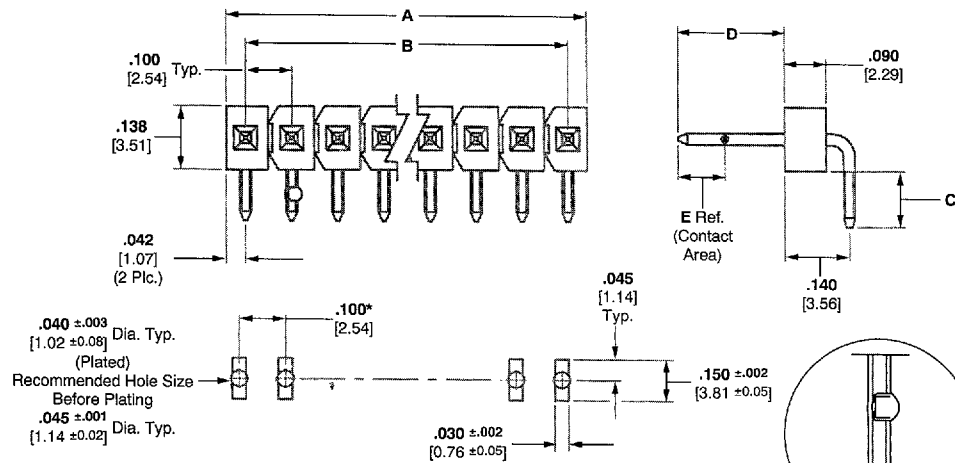
Headers with Solder Tails



Recommended PC Board Mounting Pattern
 (for .063 [1.60] thick PC board; .012 [.305] thick stencil)

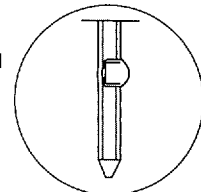
*±.003 [±0.08] tolerances not to accumulate within one connector pattern.

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.)	1	.084 2.13	—	146304-1	146305-1
	40	3.984 101.19	3.900 99.06	4-146304-0	4-146305-0
With Board Retention Tails (See Note 2.)	3	.084 2.13	—	146306-3	146307-3
	40	3.984 101.19	3.900 99.06	4-146306-0	4-146307-0

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 2 thru 39 positions (with Solder Tails) and 4 thru 39 positions (with Board Retention Tails). When ordering, add the prefix and/or suffix (dash) numbers to the base part number that corresponds with the number of positions. For example, the complete part number for an 8-position header with solder tails (C dimension .120 [3.05]) would be 146304-8. The complete part number for a 26-position header with board retention tails (C dimension .120 [3.05]) would be 2-146306-6. This part numbering system applies only to this page.



Hand Tool No. 91406-1