

Breakaway Headers, Unshrouded, Double Row, Thru-Hole Mount (Continued)

0.5 [.02] Square Right-Angle Posted Contacts

Material and Finish:

Housing—Black thermoplastic,
94V-0 rated

Posted Contacts—Brass, duplex
plated as follows:

A—0.0020 [.00008] min. gold on
contact area, 0.00100 [.000039] min.
tin-lead on solder area, with entire
contact underplated 0.00130
[.000051] min. nickel

B—0.00076 [.000030] min. gold on
contact area, 0.00100 [.000039] min.
tin-lead on solder area, with entire
contact underplated 0.00130
[.000051] min. nickel

Related Product Data:

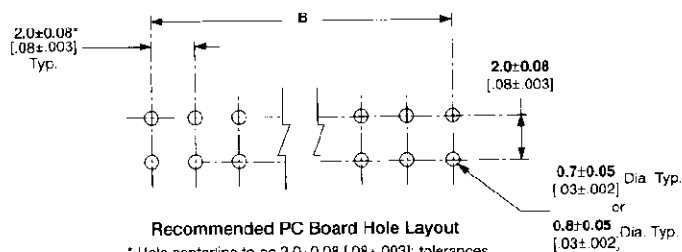
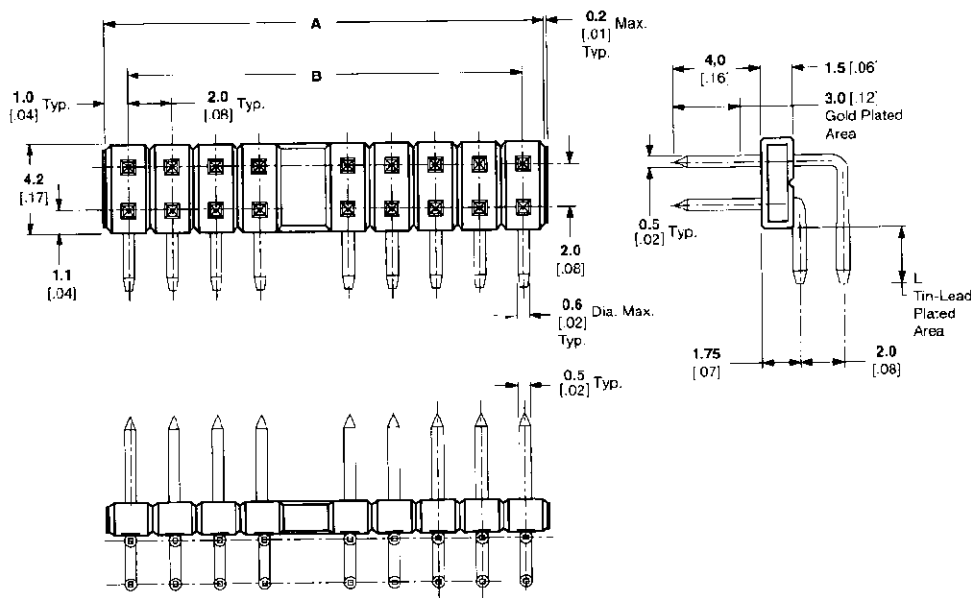
Mateable Receptacles—
pages 12, 13, 15 and 17

Performance Specifications—
page 20

Technical Documents (page 20):

AMP Product Specification
103-5296

Packaging Method—Box



Recommended PC Board Hole Layout
* Hole centerline to be 2.0±0.08 [.08±.003]; tolerances
not to accumulate within one connector pattern.

No. of Positions	Dimensions		Header Part Numbers	
	A	B	Lead Length L – 2.6 [.10]**	
			Contact Plating	
			Duplex A	Duplex B
4	4.0 .16	2.0 .08	176837-1	2-176837-5
6	6.0 .24	4.0 .16	176837-2	
8	8.0 .31	6.0 .24	176837-3	2-176837-7
10	10.0 .39	8.0 .31	176837-4	2-176837-8
12	12.0 .47	10.0 .39	176837-5	2-176837-9
14	14.0 .55	12.0 .47	176837-6	3-176837-0
16	16.0 .63	14.0 .55	176837-7	3-176837-1
18	18.0 .71	16.0 .63	176837-8	
20	20.0 .79	18.0 .71	176837-9	3-176837-3

**1.8 [.07] lead length for use with 0.8 [.03] thick PC boards;
2.6 [.10] lead length for use with 1.6 [.062] thick PC boards.