

Breakaway Headers, Unshrouded, Double Row, Thru-Hole Mount

0.5 [.02] Square Straight Posted Contacts

Material and Finish:

Housing—Black thermoplastic, 94V-0 rated

Posted Contacts—Brass, duplex plated as follows:

A—0.00020 [.000008] 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, 16 and 17

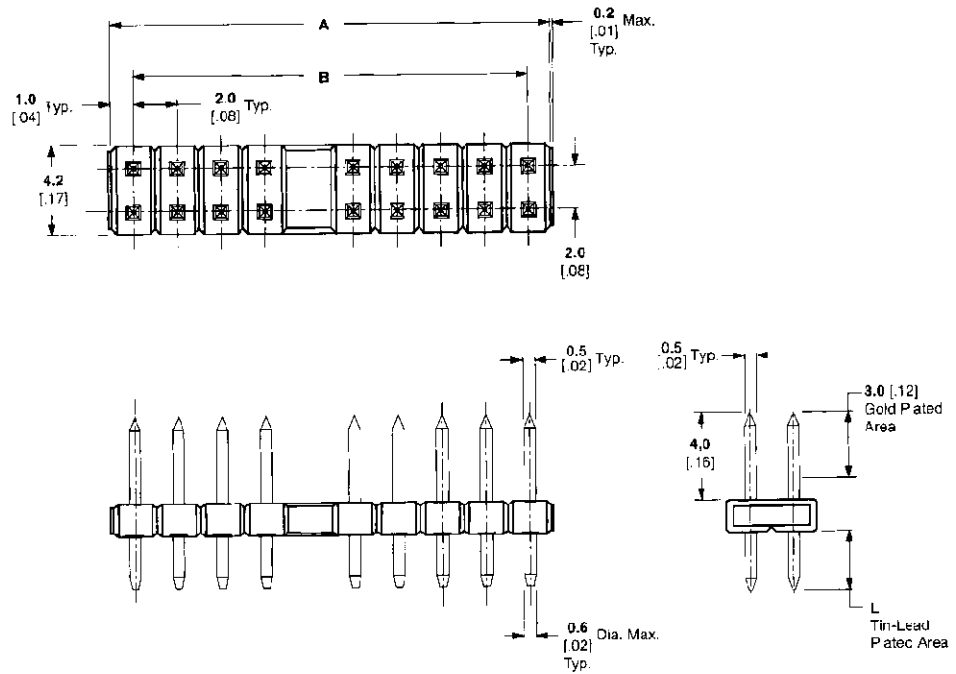
Performance Specifications—page 20

Technical Documents (page 20):

AMP Product Specification

108-5296

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		
			Lead Length L = 1.5 [.06]**		Lead Length L = 2.6 [.10]**
	A	B	Contact Plating		Contact Plating
			Duplex A	Duplex A	Duplex B
4	4.0 .16	2.0 0.8	178751-1	176264-1	1-176264-6
6	6.0 2.4	4.0 .16	178751-2	176264-2	1-176264-7
8	8.0 .31	6.0 .24	178751-3	176264-3	1-176264-8
10	10.0 .39	8.0 .31	—	176264-4	1-176264-9
12	12.0 .47	10.0 .39	178751-5	176264-5	2-176264-0
14	14.0 .55	12.0 .47	—	176264-6	2-176264-1
16	16.0 .63	14.0 .55	178751-7	176264-7	2-176264-2
18	18.0 .71	16.0 .63	—	176264-8	2-176264-3
20	20.0 .79	18.0 .71	—	176264-9	2-176264-4

**1.5 [.06] lead length for use with 0.5 [.02] thick PC boards;
2.6 [.10] lead length for use with 1.6 [.062] thick PC boards.