

973-130

AMP

AMPMODU .025 [0.64] Square Interconnection System
(Board-to-Board, Wire-to-Board)

Catalog 65816
Issued 5-95

**Breakaway Headers—Unshrouded, Double-Row,
.100 x .100 [2.54 x 2.54] Centers**

**.025 [0.64] Square
Straight-Angle Post**



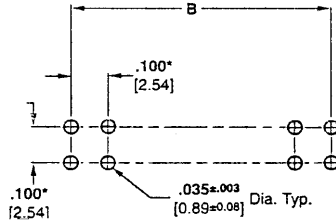
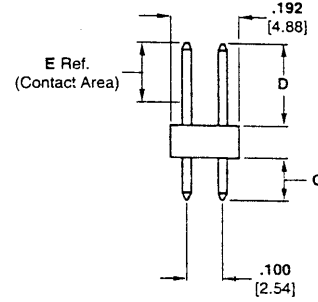
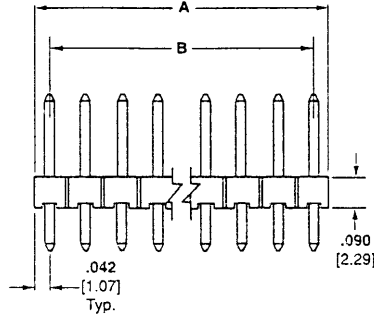
Material and Finish:

Housing—Black thermoplastic,
94V-0 rated

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 area, 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 area, with entire post



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

Recommended PC Board Hole Layout

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

Related Product Data:

Mateable Connectors—Refer
to the Mating Post Selection Guide
(Page 6 or 218)

Accessories:

Barrier Insert—Page 105

Technical Documents:

Page 213

Breakaway Headers—
Unshrouded

No. of Pos.	Dimensions		C = .090 [2.29] D = .230 [5.84] E = .185 [4.70]			C = .120 [3.05] D = .230 [5.84] E = .185 [4.70]			C = .125 [3.18] D = .318 [8.08] E = .200 [5.08]		
	A	B	Post Plating/Part Nos.		Post Plating/Part Nos.			Post Plating/Part Nos.			
			Plating A	Plating C	Plating A	Plating B	Plating C	Plating A	Plating B	Plating C	
2	.084 2.13	—	103783-1	103777-1	103240-1	103186-1	103328-1	102977-1	102973-1	103322-1	
4	.184 4.67	.100 2.54	103783-2	103777-2	103240-2	103186-2	103328-2	102977-2	102973-2	103322-2	
6	.284 7.21	.200 5.08	103783-3	103777-3	103240-3	103186-3	103328-3	102977-3	102973-3	103322-3	
8	.384 9.75	.300 7.62	103783-4	103777-4	103240-4	103186-4	103328-4	102977-4	102973-4	103322-4	
10	.484 12.29	.400 10.16	103783-5	103777-5	103240-5	103186-5	103328-5	102977-5	102973-5	103322-5	
12	.584 14.83	.500 12.70	103783-6	103777-6	103240-6	103186-6	103328-6	102977-6	102973-6	103322-6	
14	.684 17.37	.600 15.24	103783-7	103777-7	103240-7	103186-7	103328-7	102977-7	102973-7	103322-7	
16	.784 19.91	.700 17.78	103783-8	103777-8	103240-8	103186-8	103328-8	102977-8	102973-8	103322-8	
18	.884 22.45	.800 20.32	103783-9	103777-9	103240-9	103186-9	103328-9	102977-9	102973-9	103322-9	
20	.984	.900	103783-0	103777-0	103240-0	103186-0	103328-0	102977-0	102973-0	103322-0	



AMPMODU .025 [0.64] Square Interconnection System
(Board-to-Board, Wire-to-Board)

Catalog 65816
Issued 5-95

Breakaway Headers, Double-Row—Unshrouded
.100 x .100 [2.54 x 2.54] Centers (Continued)

C = .090 [2.29]

C = .120 [3.05]

C = .125 [3.18]

			Plating A	Plating C	Plating A	Plating B	Plating C	Plating A	Plating B	Plating C
22	1.084 27.53	1.000 25.40	1-103783-1	1-103777-1	1-103240-1	1-103186-1	1-103328-1	1-102977-1	1-102973-1	1-103322-1
24	1.184 30.07	1.100 27.94	1-103783-2	1-103777-2	1-103240-2	1-103186-2	1-103328-2	1-102977-2	1-102973-2	1-103322-2
26	1.284 32.61	1.200 30.48	1-103783-3	1-103777-3	1-103240-3	1-103186-3	1-103328-3	1-102977-3	1-102973-3	1-103322-3
28	1.384 35.15	1.300 33.02	1-103783-4	1-103777-4	1-103240-4	1-103186-4	1-103328-4	1-102977-4	1-102973-4	1-103322-4
30	1.484 37.69	1.400 35.56	1-103783-5	1-103777-5	1-103240-5	1-103186-5	1-103328-5	1-102977-5	1-102973-5	1-103322-5
32	1.584 40.23	1.500 38.10	1-103783-6	1-103777-6	1-103240-6	1-103186-6	1-103328-6	1-102977-6	1-102973-6	1-103322-6
34	1.684 42.77	1.600 40.64	1-103783-7	1-103777-7	1-103240-7	1-103186-7	1-103328-7	1-102977-7	1-102973-7	1-103322-7