

Solder Posts and ACTION PIN Posts (with Pin Protection and Guide Pins)



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] bright tin-lead on termination end, 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] bright tin-lead on termination end, with entire post underplated .000050 [0.00127] nickel

Plating C—Selectively plated .000030 [0.00076] gold on contact area and .000015 [0.00038] gold on termination end, with gold flash over .000050 [0.00127] nickel on entire post

Related Product Data:

Mateable Receptacles—
pages 212-213

Performance Specifications—
page 211

ACTION PIN Posts—
pages 167, 168

Application Tooling—
pages 169

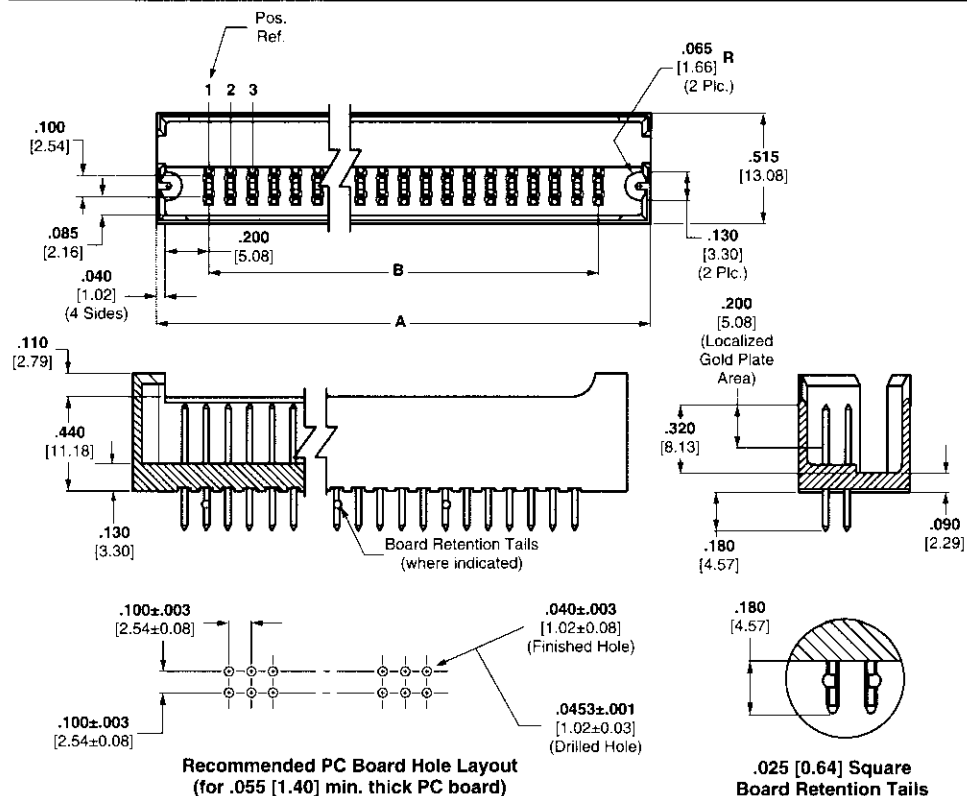
Technical Documents (page 294):

Product Specification
108-25017

Application Specification
114-9009

Additional header sizes are available; minimum order quantities may apply. Consult Tyco Electronics.

Headers, Straight Post, Double-Row, .100 x .100 [2.54 x 2.54] Centerline



Recommended PC Board Hole Layout (for .055 [1.40] min. thick PC board)

Tolerances not to accumulate within one connector pattern.

No. of Pos.	Dimensions		Header Part Nos. with .180 [4.57] Tail Length			
	A	B	Standard Solder Tails		Board Retention Tails	
			Plating A	Plating B	Plating A	Plating B
12	.980 [24.89]	.500 [12.70]	102692-1	102567-1	1-534978-6	534257-5
14	1.080 [27.43]	.600 [15.24]	—	2-102567-3	—	—
16	1.180 [29.97]	.700 [17.78]	1-102692-5	—	534978-2	1-534257-4
20	1.380 [35.05]	.900 [22.86]	1-102692-6	1-102567-1	534978-3	534257-6
24	1.580 [40.13]	1.100 [27.94]	102692-2	102567-2	534978-4	534257-7
30	1.880 [47.75]	1.400 [35.56]	1-102692-7	1-102567-3	534978-5	534257-8
36	2.180 [55.37]	1.700 [43.18]	102692-3	102567-3	534978-6	534257-9
40	2.380 [60.45]	1.900 [48.26]	1-102692-3	1-102567-2	534978-7	1-534257-0
50	2.880 [73.15]	2.400 [60.96]	102692-4	102567-6	534978-8	1-534257-5
60	3.380 [85.85]	2.900 [73.66]	102692-5	102567-4	534978-9	1-534257-1
70	3.880 [98.55]	3.400 [86.36]	1-102692-4	1-102567-0	1-534978-5	1-534257-2
72	3.980 [101.09]	3.500 [88.90]	1-102692-8	1-102567-6	1-534978-0	—
80	4.380 [111.25]	3.900 [99.06]	102692-6	102567-8	1-534978-1	534257-1

Note: Headers with make first/break last posts can be made available, consult Tyco Electronics.