

CHAMP .050 Series I Connectors, Printed Circuit Board Connectors (Continued)

Right Angle Plugs

Materials and Finish

Housing and Tine Plate—Glass filled nylon, rated 94V-0, black for standard. LCP, rated 94V-0, black for High Temp.

Contacts—Phosphor bronze selectively plated with minimum of .000030 [0.00076] gold in mating area and tin-lead in solder tail area.

Retention Leg (Board Lock)—Brass, tin-lead plated.

Performance Specifications—Page 19

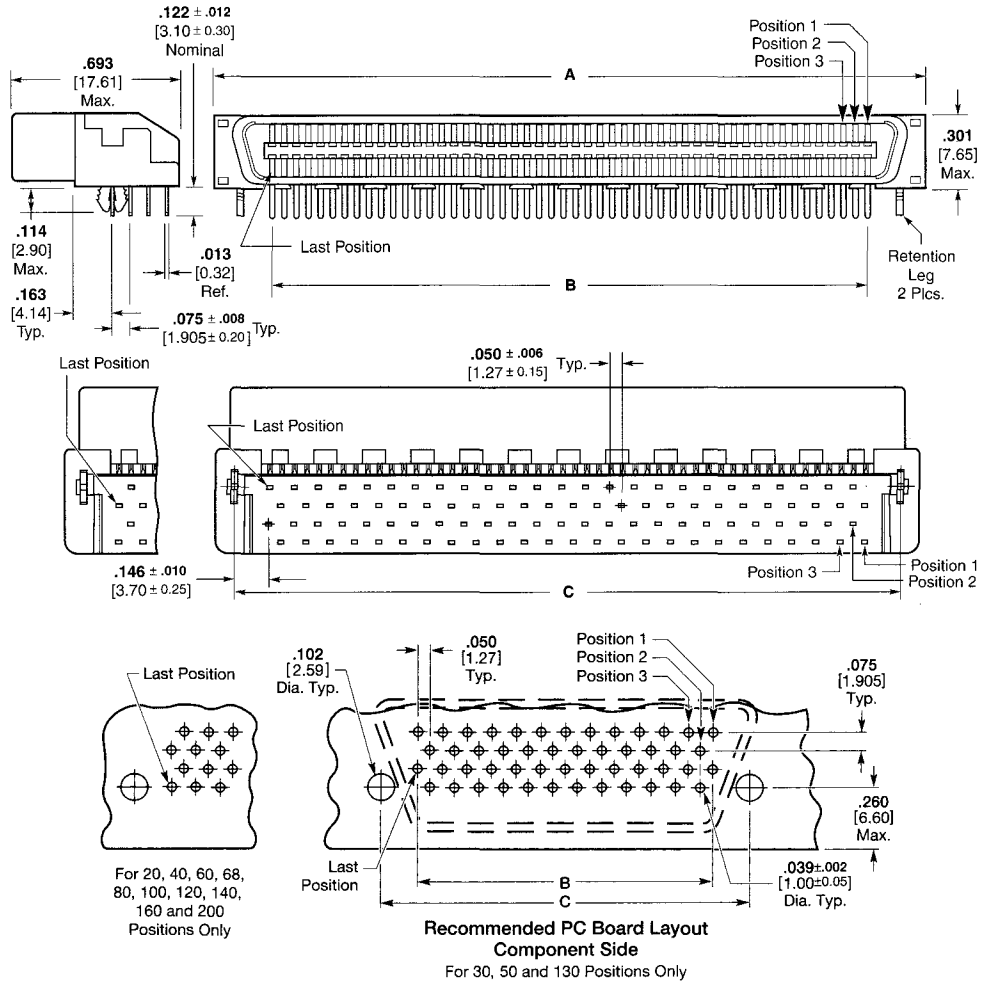
PC Board Accommodation—.031 [0.79] to .063 [1.60] nominal thickness

Mating Receptacle Connectors—Right Angle—Page 21

Vertical—Page 24

Ribbon Cable—Page 26

Mating Configurations—Page 28



Pos.	Dimensions			Part Number High Temp.	Part Number Standard Temp.
	A	B	C		
20	.891 22.63	.450 11.43	.741 18.82	N/A	5-175472-1
30	1.141 28.98	.700 17.78	.991 25.17	N/A	5-175472-3
40	1.391 35.33	.950 24.13	1.241 31.52	557100-5	5-175472-5
50	1.641 41.68	1.200 30.48	1.491 37.87	557100-9	5-175472-6
60	1.891 48.03	1.450 36.83	1.741 44.22	1-557100-3	*3-175472-7
68	2.091 53.11	1.650 41.91	1.941 49.30	1-557100-7	5-175472-8
80	2.391 60.73	1.950 49.53	2.241 56.92	2-557100-1	5-175472-9
100	2.891 73.43	2.450 62.23	2.741 69.62	2-557100-5	6-175472-0
120	3.391 86.13	2.950 74.93	3.241 82.32	2-557100-9	6-175472-1
130	3.641 92.48	3.200 81.28	3.491 88.67	N/A	6-175472-2
140	3.891 98.83	3.450 87.63	3.741 95.02	4-557100-9	N/A
160	4.391 111.53	3.950 100.33	4.241 107.72	3-557100-7 ¹	N/A
200	5.391 136.93	4.950 125.73	5.241 133.12	4-557100-1 ¹	N/A

*Plating—.000020 [0.00050] Minimum Gold.
¹ Contact Tyco Electronics for RoHS Part Number information.