

CHAMP .050 Series II Connectors, Wire-to-Board Applications (Continued)

Right Angle Receptacles with Boardlocks

Materials and Finish

Housing — Glass-filled nylon, rated 94V-0, black

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

Retention Leg (Boardlock) — Phosphor bronze, tin-lead over nickel underplate

Shield — Steel, nickel plated over copper underplate

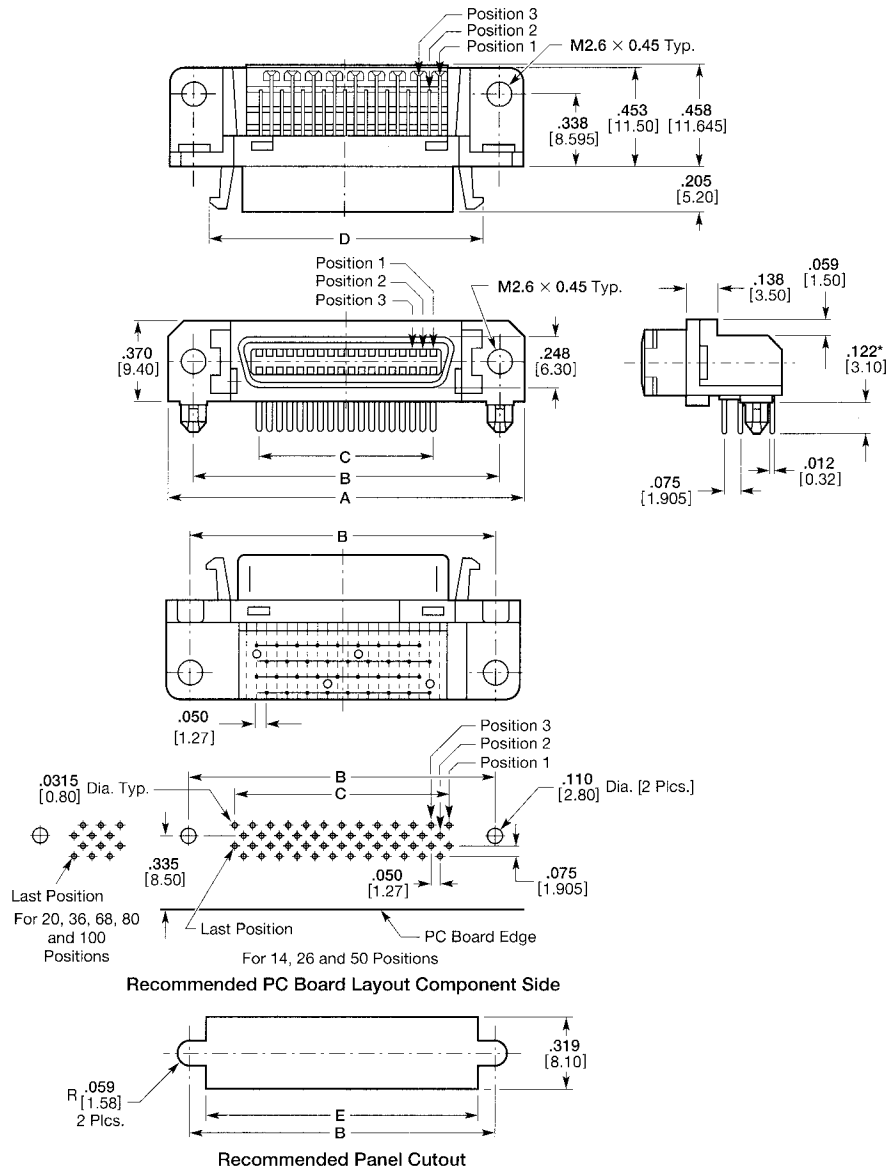
Frame — Die cast zinc, nickel plated

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PC Board Accommodation — .062 [1.60]–.093 [2.36] nominal thickness

Panel Accommodation — .079 [2.00] maximum thickness

Mating Plug Connectors — Cable — Page 60



Pos.	Dimensions					Part Number
	A	B	C	D	E	
14	.300 7.62	.931 23.64	.497 12.62	.773 19.64	1.163 29.54	917738-1
20	.450 11.43	1.081 27.45	.647 16.43	.923 23.45	1.313 33.35	917738-2
26	.600 15.24	1.231 31.26	.797 20.24	1.073 27.26	1.463 37.16	917738-4
36	.850 21.59	1.481 37.61	1.047 26.59	1.323 33.61	1.713 43.51	917738-5 1-917738-5
50	1.200 30.48	1.831 46.50	1.397 35.48	1.673 42.50	2.063 52.40	917738-7 1-917738-7
68	2.513 63.83	2.281 57.93	1.650 41.91	2.123 53.93	2.134 54.20	2-178238-8
80	2.813 71.45	2.581 65.55	1.950 49.53	2.423 61.55	2.437 61.90	3-178238-0
100	3.313 84.15	3.081 78.25	2.450 62.23	2.923 74.25	2.937 74.60	2-178238-9

*Alternate tail lengths: .153 [3.90] and .087 [2.20] available. Contact Tyco Electronics at the numbers listed below.