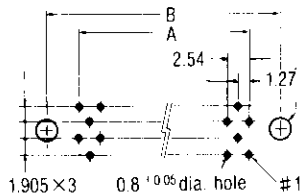


Board to Board Connectors CHAMP 050 Series Connectors—Series I For Board to Board Connection

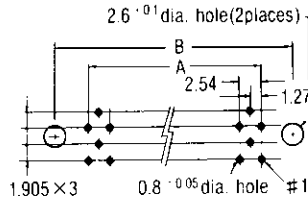
Receptacle Header for Vertical Mount Type With Retention Leg

Material and Finish:
 Contacts—Phosphor bronze, duplex plated gold (see table) on contact area, 1µm min. tin-lead or tin on post area, with entire contact underplated 1µm min. nickel
 Housing—UL94V-0 rated, glass-filled 6/6 nylon, black
 Retention Leg—Brass, 2µm min. tin-lead or tin over 1.3µm min. underplated nickel

PC Board Layout
 (Required for solder resist on surface of PC board)
 (Connector mount side)
 2.6^{+0.1} dia. hole(2places)

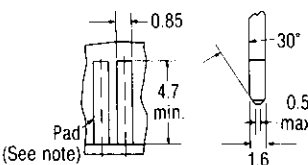
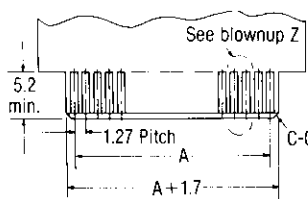


20, 40, 60, 68, 80, 100 and 120 Positions

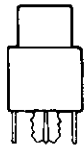
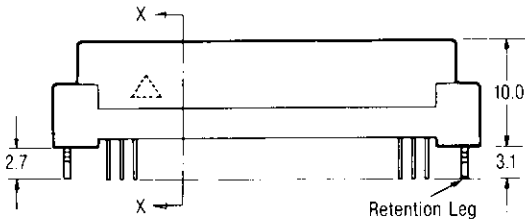
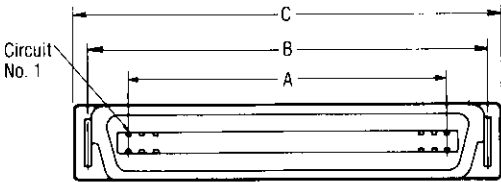


30, 50, 130 Positions

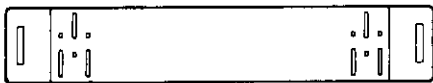
PC Bord Edge Mounting Dimension



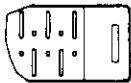
Blowup Z Side View
 Note: Gold plated 1.5µm min. with underplated nickel.



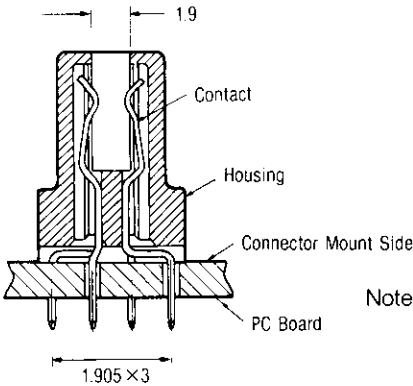
Side View



30, 50, 130 Pos.



20, 40, 60, 68, 80
 100, 120 Pos.



SectionX-X

Note: For details on 140-through 200-position assemblies, or when requiring heat resistant material, see our catalog 82244.

No. of Pos.	Dimensions			Part Number		
	A	B	C	0.2µm thk. gold plated	0.5µm thk. gold plated	0.76µm thk. gold plated
20	11.43	21.40	24.1	175475-1	3-175475-1	5-175475-1
30	17.78	27.75	30.4	175475-3	3-175475-3	5-175475-3
40	24.13	34.10	36.8	175475-5	3-175475-5	5-175475-5
50	30.48	40.45	43.1	175475-6	3-175475-6	5-175475-6
60	36.83	46.80	49.5	175475-7	3-175475-7	5-175475-7
68	41.91	51.88	54.5	175475-8	3-175475-8	5-175475-8
80	49.53	59.50	62.2	175475-9	3-175475-9	5-175475-9
100	62.23	72.20	74.9	1-175475-0	4-175475-0	6-175475-0
120	74.93	84.90	87.6	1-175475-1	4-175475-1	6-175475-1
130	81.28	91.25	93.9	1-175475-2	4-175475-2	6-175475-2