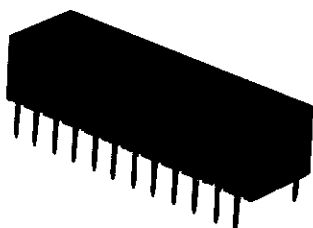


**Mod II Receptacle Assemblies, Double-Row,
.100 x .100 [2.54 x 2.54] Centerlines**

**Closed Entry, End Stackable,
Short Point-of-Contact,
with Standoffs**


Material and Finish:

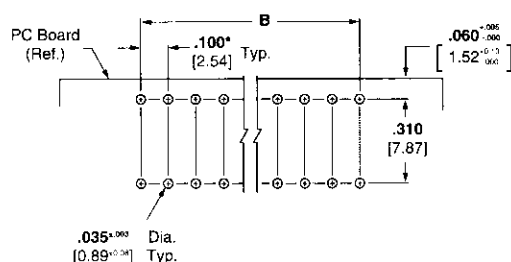
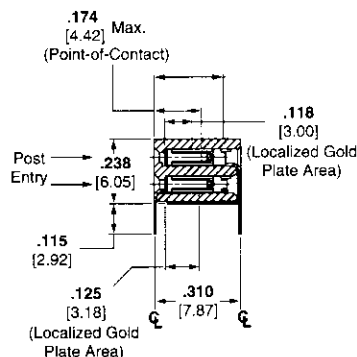
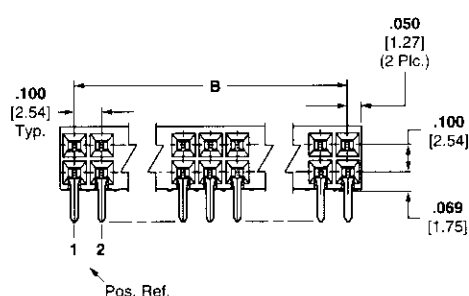
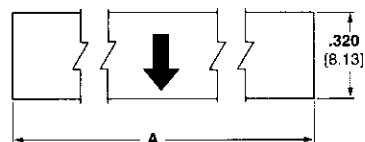
Housing—Black thermoplastic, 94V-0 rated, high temperature, surface mount compatible

Contacts—Phosphor bronze, plated as follows:

Plating A—Duplex .000030 [0.00076] gold on contact area, .000150-.000300 [0.00381-0.00762] tin-lead on solder area all over .000050 [0.00127] nickel

Plating B—Duplex .000010 [0.000254] gold on contact area, .000150-.000300 [0.00381-0.00762] tin-lead on solder area all over .000050 [0.00127] nickel

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


Related Product Data:

Mateable Headers—Refer to the Mating Post Selection Guide (page 89)

Performance Characteristics—page 185

**Recommended PC Board Hole Layout
(for .062 [1.57] thick PC board)**

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

Technical Documents (page 294):

Product Specification 108-25026

Application Specification
114-25018

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

No. of Pos.	Dimensions		Contact Plating/Part Nos.		
	A	B	Plating A	Plating B	Plating C
4	.200 [5.08]	.100 [2.54]	6-535512-1	146140-1	6-102084-4
6	.300 [7.62]	.200 [5.08]	6-535512-2	146140-2	6-102084-3
8	.400 [10.16]	.300 [7.62]	6-535512-3	146140-3	6-102084-2
10	.500 [12.70]	.400 [10.16]	6-535512-4	146140-4	6-102084-1
12	.600 [15.24]	.500 [12.70]	535512-1	146140-5	6-102084-0
14	.700 [17.78]	.600 [15.24]	1-535512-7	146140-6	5-102084-9
16	.800 [20.32]	.700 [17.78]	1-535512-8	146140-7	5-102084-8
18	.900 [22.86]	.800 [20.32]	1-535512-6	146140-8	5-102084-7
20	1.000 [25.40]	.900 [22.86]	535512-2	146140-9	5-102084-6
22	1.100 [27.94]	1.000 [25.40]	1-535512-9	1-146140-0	5-102084-5
24	1.200 [30.48]	1.100 [27.94]	535512-3	1-146140-1	5-102084-4
26	1.300 [33.02]	1.200 [30.48]	2-535512-0	1-146140-2	5-102084-3
28	1.400 [35.56]	1.300 [33.02]	2-535512-1	1-146140-3	5-102084-2
30	1.500 [38.10]	1.400 [35.56]	2-535512-2	1-146140-4	5-102084-1
32	1.600 [40.64]	1.500 [38.10]	2-535512-3	1-146140-5	5-102084-0
34	1.700 [43.18]	1.600 [40.64]	535512-4	1-146140-6	4-102084-9
36	1.800 [45.72]	1.700 [43.18]	535512-5	1-146140-7	4-102084-8
38	1.900 [48.26]	1.800 [45.72]	2-535512-4	1-146140-8	4-102084-7
40	2.000 [50.80]	1.900 [48.26]	2-535512-5	1-146140-9	4-102084-6
50	2.500 [63.50]	2.400 [60.96]	535512-7	2-146140-0	4-102084-1
60	3.000 [76.20]	2.900 [73.66]	3-535512-0	2-146140-1	3-102084-6

Notes: 1. Tyco Electronics recommends mating gold or duplex plated headers with duplex plated receptacle assemblies.
2. .256 [6.50] minimum positive pin stop to prevent shorting between row.