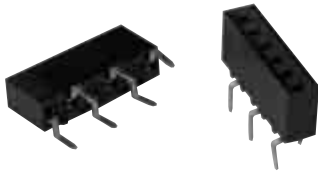


Mod IV Receptacle Assemblies, Single-Row, Outrigger Design .100 x .100 [2.54 x 2.54] Centerline, End To End Stackable

**Dual Entry, End Stackable,
Low Profile, .100 x .100
[2.54 x 2.54] Centerline,
.200 [5.08] Tine Spacing**



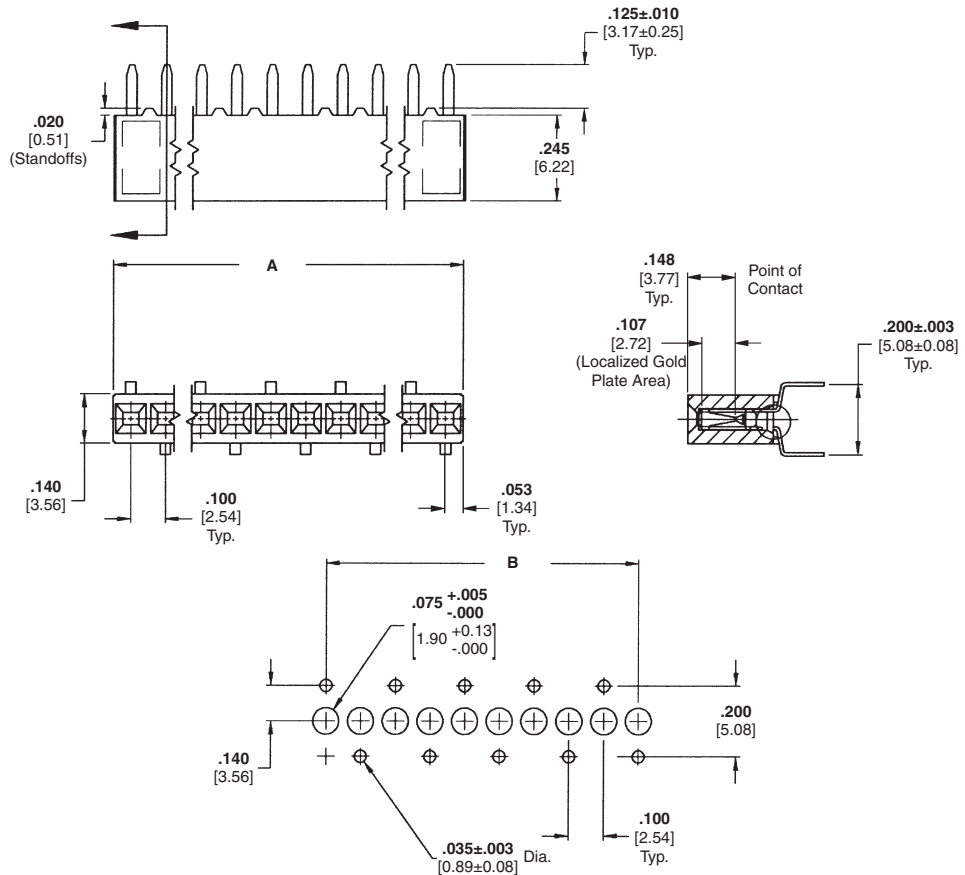
Material and Finish

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

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

Plating C — .000150-.000300 [0.00381-0.00762] matte tin on solder leads, all over .000050 [0.00127] nickel



Recommended PC Board Hole Layout

No. of Pos.	Dimensions		Contact Plating/Part Nos.		
	A	B	Plating A	Plating B	Plating C
3	.300 [7.62]	.200 [5.08]	5-147720-2	5-147726-2	5-147727-2
4	.400 [10.16]	.300 [7.62]	5-147720-3	5-147726-3	5-147727-3
5	.500 [12.70]	.400 [10.16]	5-147720-4	5-147726-4	5-147727-4
6	.600 [15.24]	.500 [12.70]	5-147720-5	5-147726-5	5-147727-5
7	.700 [17.78]	.600 [15.24]	5-147720-6	5-147726-6	5-147727-6
8	.800 [20.32]	.700 [17.78]	5-147720-7	5-147726-7	5-147727-7
9	.900 [22.86]	.800 [20.32]	5-147720-8	5-147726-8	5-147727-8
10	1.000 [25.40]	.900 [22.86]	5-147720-9	5-147726-9	5-147727-9
11	1.100 [27.94]	1.000 [25.40]	6-147720-0	6-147726-0	6-147727-0
12	1.200 [30.48]	1.100 [27.94]	6-147720-1	6-147726-1	6-147727-1
13	1.300 [33.02]	1.200 [30.48]	6-147720-2	6-147726-2	6-147727-2
14	1.400 [35.56]	1.300 [33.02]	6-147720-3	6-147726-3	6-147727-3
15	1.500 [38.10]	1.400 [35.56]	6-147720-4	6-147726-4	6-147727-4
16	1.600 [40.64]	1.500 [38.10]	6-147720-5	6-147726-5	6-147727-5
17	1.700 [43.18]	1.600 [40.64]	6-147720-6	6-147726-6	6-147727-6
18	1.800 [45.72]	1.700 [43.18]	6-147720-7	6-147726-7	6-147727-7
19	1.900 [48.26]	1.800 [45.72]	6-147720-8	6-147726-8	6-147727-8
20	2.000 [50.80]	1.900 [48.26]	7-147720-8	7-147726-8	7-147727-8
30	3.000 [76.20]	2.900 [73.66]	8-147720-8	8-147726-8	8-147727-8
40	4.000 [101.60]	3.900 [99.06]	8-147720-9	8-147726-9	8-147727-9

- Notes:** 1. Tyco Electronics recommends mating gold or duplex plated headers with duplex plated receptacle assemblies.
2. To obtain the minimum mating post length, add .020 [0.51] (not including the post lead in chamfer) to the maximum point-of-contact dimension and add .062 [1.57] for recommended board thickness if used in bottom entry application.

Note: All part numbers are RoHS compliant.

Mod IV Receptacle Assemblies, Double-Row, Outtrigger Design, .100 x .100 [2.54 x 2.54] Centerline, End to End Stackable

**Dual Entry, End Stackable,
Low Profile, .100 x .100
[2.54 x 2.54] Centerline,
.300 [7.62] Tine Spacing**



Material and Finish

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

Contacts — Phosphor bronze, plated as follows:

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

Plating C — .000150-.000300 [0.00381-0.00762] matte tin on solder leads, all over .000050 [0.00127] nickel

Related Product Data

Mateable Headers —

Refer to the Mating Post Selection Guide — page 90

Performance Characteristics — page 174

Technical Documents — page 276

Product Specification

108-25022

Application Specification

114-25018

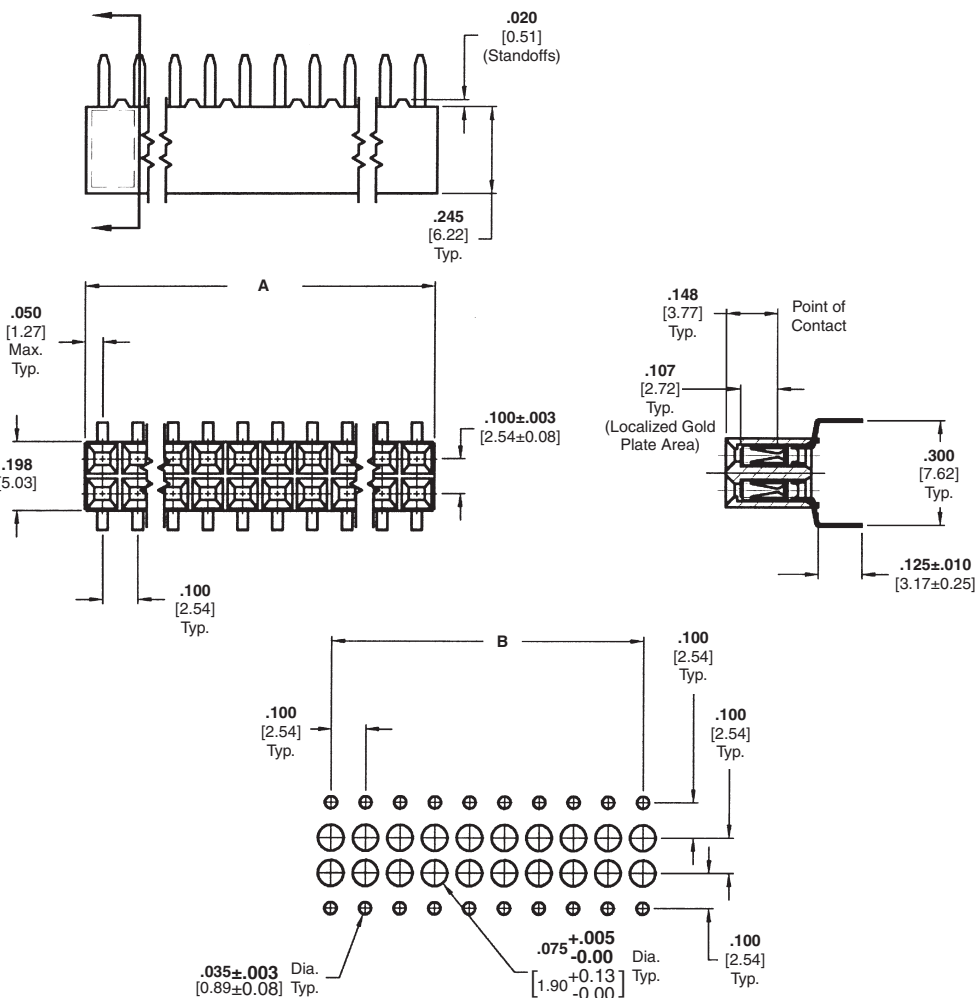
Additional receptacle assembly sizes are available; minimum order quantities may apply. Consult Tyco Electronics.

Keying Plug



Part No. 86286-1
(Plugs into receptacle contact)

Material — Natural color nylon



Recommended PC Board Hole Layout

No. of Pos.	Dimensions		Contact Plating/Part Nos.		
	A	B	Plating A	Plating B	Plating C
2	.100 [2.54]	—	6-534267-3	5-147099-1	8-147100-9
4	.200 [5.08]	.100 [2.54]	6-534267-7	5-147099-2	9-147100-0
6	.300 [7.62]	.200 [5.08]	6-534267-4	5-147099-3	5-147100-1
8	.400 [10.16]	.300 [7.62]	5-534267-5	5-147099-4	5-147100-2
14	.700 [17.78]	.600 [15.24]	5-534267-1	5-147099-7	5-147100-5
18	.900 [22.86]	.800 [20.32]	6-534267-0	5-147099-9	5-147100-7
20	1.000 [25.40]	.900 [22.86]	5-534267-2	6-147099-0	5-147100-8
24	1.200 [30.48]	1.100 [27.94]	5-534267-9	6-147099-2	6-147100-0
30	1.500 [38.10]	1.400 [35.56]	6-534267-2	6-147099-5	6-147100-3
36	1.800 [45.72]	1.700 [43.18]	6-534267-5	6-147099-8	6-147100-6
40	2.000 [50.80]	1.900 [48.26]	5-534267-7	7-147099-0	6-147100-8
48	2.400 [60.96]	2.300 [58.42]	6-534267-1	7-147099-4	7-147100-2
50	2.500 [63.50]	2.400 [60.96]	6-534267-8	7-147099-5	7-147100-3
60	3.000 [76.20]	2.900 [73.66]	5-534267-8	8-147099-0	7-147100-8
76	3.800 [96.52]	3.700 [93.98]	6-534267-6	8-147099-8	8-147100-6
80	4.000 [101.60]	3.900 [99.06]	5-534267-4	9-147099-0	8-147100-8

Notes: 1. Tyco Electronics recommends mating gold or duplex plated headers with duplex plated receptacle assemblies.
2. To obtain the minimum mating post length, add .020 [0.51] (not including the post lead in chamfer) to the maximum point-of-contact dimension and .062 for recommended board thickness if used in bottom entry application.

Note: All part numbers are RoHS compliant.