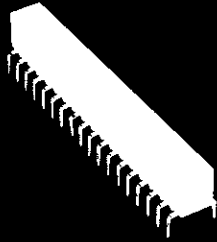


Mod IV Receptacle Assemblies, Double-Row, Outrigger Design, .100 x .100 [2.54 x 2.54] Centerline, End to End Stackable

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



Material and Finish:

Housing—Black thermoplastic, 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] 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] nickel

Related Product Data:

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

Performance Characteristics—page 191

Technical Documents (page 294):

Product Specification 108-25022

Application Specification 114-25018

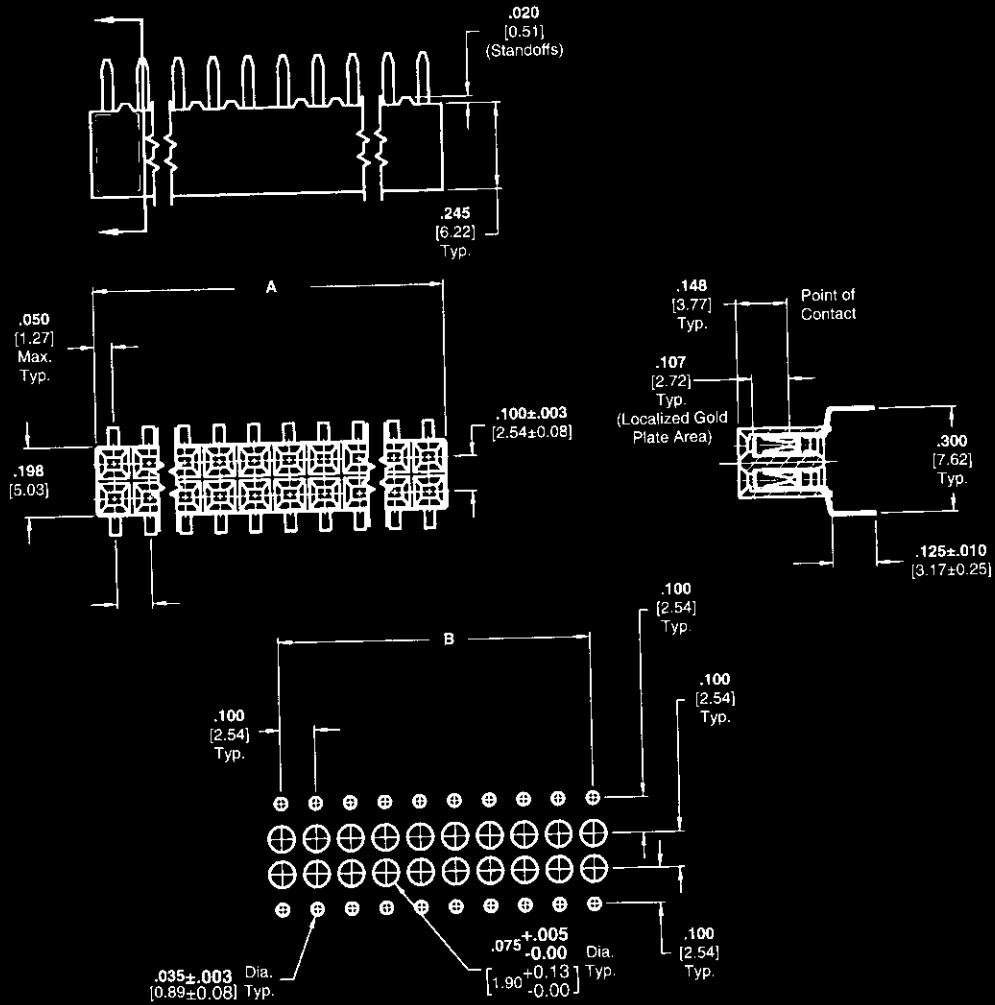
Additional receptacle assembly sizes are available; minimum order quantities may apply. Consult Tyco Electronics.

Keying Plug



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

Material—Natural color nylon



Recommended PC Board Hole Layout

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

- 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.

Catalog 1307819
Revised 6-04

www.tycoelectronics.com

Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425

South America: 55-11-3611-1514
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-141-810-8967

Vertical Mount, Receptacle Assemblies

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