

Micro MATE-N-LOK 3 mm Connector System (Continued)

Right-Angle Header Assemblies

Single Row, Through-Hole, with Metal Through-Hole Hold-down

Material and Finish

Housing—High Temperature Nylon, Black

Flammability Rating—UL 94V-0

Contacts—Brass

Plating A— $.000100$ [0.00254] min. tin over $.000050$ [0.00127] min. nickel

Plating B— $.000015$ [0.00038] gold in mating area, $.000100$ [0.00254] min. tin in solder area, with entire contact underplated $.000050$ [0.00127] min. nickel

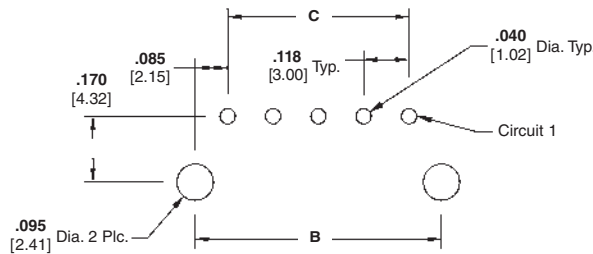
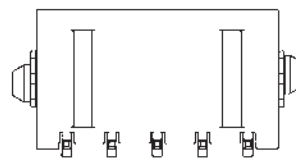
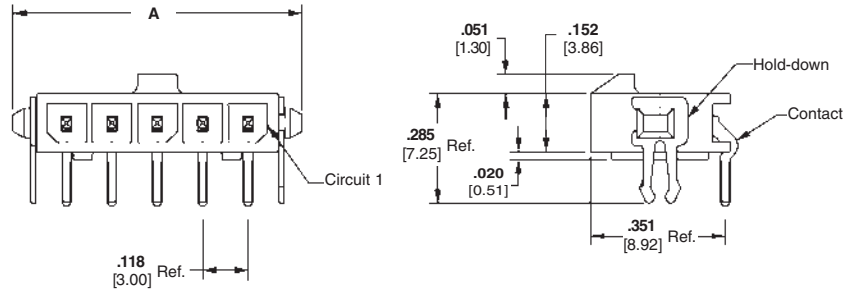
Plating C— $.000030$ [0.00076] gold in mating area, $.000100$ [0.00254] min. tin in solder area, with entire contact underplated $.000050$ [0.00127] min. nickel

Hold-downs—Phosphor Bronze, $.000100$ [0.00254] min. tin over $.000050$ [0.00127] min. nickel

Related Product Data

Mateable Housings:

Single Row Receptacle Housing—
page 23



Recommended PC Board Layout*

Number of Circuits	Dimensions			Header Part Numbers			Mates with Receptacle Housing Part Number
	A	B	C	Plating A	Plating B	Plating C	
2	.399 10.14	.293 7.43	.118 3.00	2-1445054-2	2-1445088-2	2-1445097-2	1445022-2
3	.517 13.14	.411 10.43	.236 6.00	2-1445054-3	2-1445088-3	2-1445097-3	1445022-3
4	.635 16.14	.529 13.43	.354 9.00	2-1445054-4	2-1445088-4	2-1445097-4	1445022-4
5	.754 19.14	.647 16.43	.472 12.00	2-1445054-5	2-1445088-5	2-1445097-5	1445022-5
6	.871 22.14	.765 19.43	.591 15.00	2-1445054-6	2-1445088-6	2-1445097-6	1445022-6
7	.990 25.14	.883 22.43	.709 18.00	2-1445054-7	2-1445088-7	2-1445097-7	1445022-7
8	1.108 28.14	1.001 25.43	.827 21.00	2-1445054-8	2-1445088-8	2-1445097-8	1445022-8
9	1.226 31.14	1.119 28.43	.945 24.00	2-1445054-9	2-1445088-9	2-1445097-9	1445022-9
10	1.344 34.14	1.237 31.43	1.063 27.00	3-1445054-0	3-1445088-0	3-1445097-0	1-1445022-0
11	1.462 37.14	1.356 34.43	1.181 30.00	3-1445054-1	3-1445088-1	3-1445097-1	1-1445022-1
12	1.580 40.14	1.474 37.43	1.299 33.00	3-1445054-2	3-1445088-2	3-1445097-2	1-1445022-2

*Recommended PC Board thickness $.062$ [1.57]. Always consult customer drawing for PC Board layout dimensions.

Note: All part numbers are RoHS Compliant.