

Mini-Universal MATE-N-LOK 2 Connectors (Continued)

**Vertical PC Board
Pin Headers**

.163 [4.14] Centerline spacing

Material

Housing— Nylon, white

Flammability Rating—UL94V-0

Contacts— Brass

Solder tail diameter .039 [1.00]

Related Product Data

Product Specifications

108-1693 Mini-Universal MATE-N-LOK 2 Connectors

108-1694 Mini-Universal MATE-N-LOK 2 Headers

Performance Characteristics—
pages 99-100

Recommended PC Board Hole

Layout—page 106

Technical Documents—pages 99
and 205-206

Mating Connectors

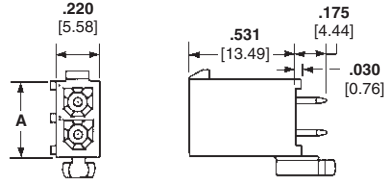
Mini-Universal MATE-N-LOK 2

Plug Housings—pages 101-102

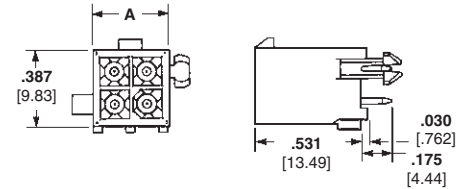
Mini-Universal MATE-N-LOK

Plug Housings—pages 87-89

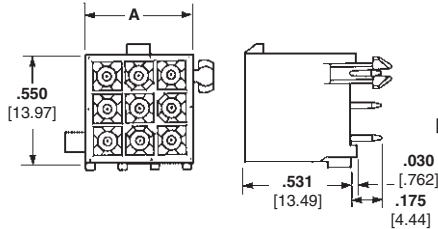
2 and 3 Circuit, In-Line



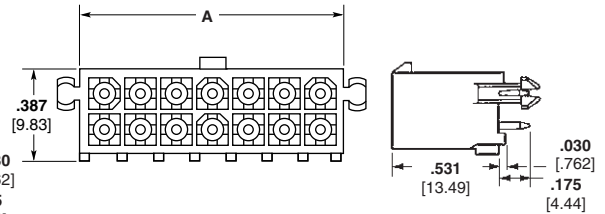
4, 6, 8, 10 and 12 Circuit, Dual Row



9, 12 and 15 Circuit, Matrix



14, 16, 18, 20, 22 and 24 Circuit, Dual Row



Number of Circuits	Style	A Dim.	Pin Finish	Vertical Pin Header Part Numbers		Mates with Plug Housing Part Number (Using Socket Contacts)	
				With Drain Holes	Without Drain Holes	Mini-Universal MATE-N-LOK	Mini-Universal MATE-N-LOK 2
				2	In-Line	.387 9.83	Tin ¹ Duplex ²
3	In-Line	.550 13.97	Tin ¹ Duplex ²	1-770170-0 1-770170-1	1-770873-0 1-770873-1	172166-1	794186-1
4	Dual Row	.387 9.83	Tin ¹ Duplex ²	1-770174-0 1-770174-1	1-770874-0 1-770874-1	172167-1	794188-1
6	Dual Row	.550 13.97	Tin ¹ Duplex ²	1-770178-0 1-770178-1	1-770875-0 1-770875-1	172168-1	794190-1
8	Dual Row	.713 18.11	Tin ¹ Duplex ²	1-794065-0 1-794065-1	1-794073-0 1-794073-1	770579-1	794192-1
9	Matrix	.551 14.00	Tin ¹ Duplex ²	1-770182-0 1-770182-1	1-770876-0 1-770876-1	172169-1	794194-1
10	Dual Row	.877 22.28	Tin ¹ Duplex ²	1-770743-0 1-770743-1	1-770858-0 1-770858-1	770580-1	794196-1
12	Dual Row	1.039 26.39	Tin ¹ Duplex ²	1-794066-0 1-794066-1	1-770621-0 1-770621-1	770581-1	794198-1
	Matrix	.713 18.11	Tin ¹ Duplex ²	1-770186-0 1-770186-1	1-794040-0 1-794040-1	172170-1	794200-1
14	Dual Row	1.202 30.53	Tin ¹ Duplex ²	1-794067-0 1-794067-1	1-794074-0 1-794074-1	770582-1	794202-1
15	Matrix	.877 22.28	Tin ¹ Duplex ²	1-770190-0 1-770190-1	1-770859-0 1-770859-1	172171-1	794204-1
16	Dual Row	1.365 34.67	Tin ¹ Duplex ²	1-794068-0 1-794068-1	1-794075-0 1-794075-1	770583-1	794206-1
	Dual Row	1.528 38.81	Tin ¹ Duplex ²	1-794069-0 1-794069-1	1-794076-0 1-794076-1	770584-1	794208-1
20	Dual Row	1.691 42.95	Tin ¹ Duplex ²	1-794070-0 1-794070-1	1-794077-0 1-794077-1	770585-1	794210-1
	Dual Row	1.854 47.09	Tin ¹ Duplex ²	1-794071-0 1-794071-1	1-794078-0 1-794078-1	770586-1	794212-1
24	Dual Row	2.017 51.23	Tin ¹ Duplex ²	1-794072-0 1-794072-1	1-794079-0 1-794079-1	770587-1	794214-1

¹Tin Finish—Plated with .000150 [.00381] min. tin over .000050 [.00127] min. nickel underplate on entire contact.

²Duplex Finish—Plated with .000030 [.000762] min. gold in mating area and matte tin on solder tail end over .000050 [.00127] min. nickel underplate on entire contact.

Note: All part numbers are RoHS Compliant.