

Commercial MATE-N-LOK Connectors (Continued)

PC Board Vertical Pin Headers

Material

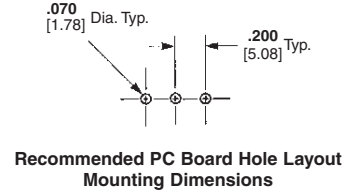
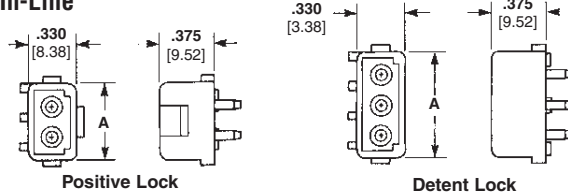
Housing—Nylon, natural color
Flammability Rating—UL94V-2
Contacts—Phosphor bronze
 Solder tail diameter .062 [1.57]

Related Product Data

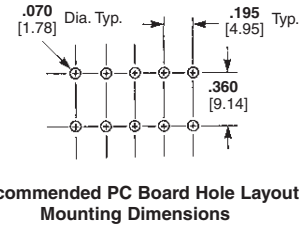
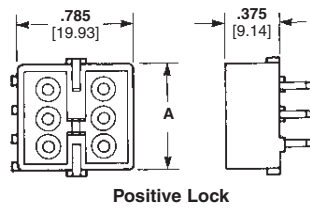
Product Specifications
 108-1077 Commercial MATE-N-LOK
 PC Board Headers

Performance Characteristics—
 pages 151-152
Technical Documents—pages 151
 and 205-206
Mating Socket Housings—
 pages 157-160
Mating Socket Headers—page 162
Mating IDC—page 163

**2, 3, and 4 Circuit,
In-Line**



**6, 8, 10, 12 and 16 Circuit,
Dual Row**



Number of Circuits	A Dim.	Type Lock	Finish	Part Numbers		Mates with Socket Housing Part Number
				Standard ² Tail	Long ³ Tail	
2	.515 13.09	Positive	Pre-tin	350539-1	350540-1	1-480720-0
			Duplex ¹	1586530-2	—	
		Detent	Pre-tin	350209-1	350422-1	1-480318-0
			Duplex ¹	1586512-2	—	
3	.715 18.17	Positive	Pre-tin	350541-1	350542-1	1-480721-0
			Duplex ¹	1586532-2	—	
		Detent	Pre-tin	350210-1	350423-1	1-480303-0
			Duplex ¹	1586514-2	—	
4	.915 23.24	Positive	Pre-tin	350543-1 ⁵	350544-1 ⁵	1-480722-0 ⁵
			Duplex ¹	1586534-2 ⁵	1586536-2 ⁵	
		Detent	Pre-tin	350211-1 ⁵	350424-1 ⁵	1-480424-0 ^{4,5}
			794236-1 ^{5,8}	—		
			Post-tin	1586627-1 ^{5,6}	—	
			Duplex ¹	1586515-2 ⁵	1586525-2 ⁵	
6	.705 17.91	Positive	Pre-tin	1-380999-0	350425-1	1-480270-0
			Duplex ¹	2-1586546-0	1586526-2	
8	.900 22.86	Positive	Pre-tin	350212-1	350426-1	1-480283-0
			Duplex ¹	1586518-2	1586528-2	
10	1.095 27.81	Positive	Pre-tin	1-380991-0	350219-1	1-480285-0
			Duplex ¹	2-1586544-0	—	
12	1.290 32.77	Positive	Pre-tin	350213-1	350220-1	1-480287-0
			Duplex ¹	1586520-2	1586524-2	
16	1.680 42.68	Positive	Pre-tin	350214-1	350427-1	1-480438-0
			Duplex ¹	1586522-2	1586529-2	

¹Duplex Finish — Plated with .000030 [.000762] min. gold in mating area, matte tin on solder tail end over .000050 [.00127] min. nickel underplate on entire contact.
²Use standard tail for .062 [1.57] thick PC Board.
³Use long tail for .125 [3.18] thick PC Board.
⁴Other mating connectors include a vertical PC Board socket header and the insulation displacement connectors (IDC).
⁵Used by the disk drive industry.
⁶With drain holes.
⁷Tube loaded.
⁸Housing material UL94V-0 rated.

Note: All part numbers are RoHS Compliant.