



Universal MATE-N-LOK Connectors (Continued)

PC Board Vertical Pin Headers

2, 3, 4, 5, 6 and 8 Circuit, In-Line

Centerline Spacing — 6.35 [.250]
 Solder Tail Diameter — 1.57 [.062]

Material

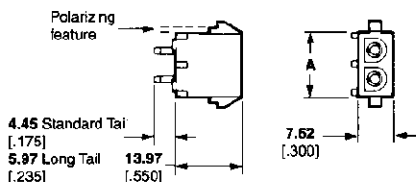
Housing —
 UL 94V-2 Nylon, natural color
 UL 94V-0 Nylon

Contacts — Phosphor bronze

Mating Connectors

Universal MATE-N-LOK
 Plug Housings — Page 393

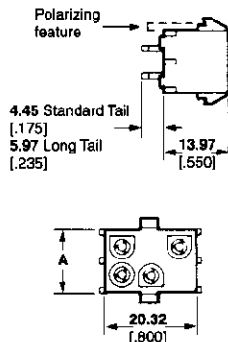
Note: For Recommended PC Board
 Hole Layout for Vertical Pin Headers, see
 page 393.



Number of Circuits	A Dim.	Flammability Rating	Pin Finish	Pin Header Part Numbers			Mates with Plug Housing Part Number (Using Socket Contacts)
				Standard Tail ¹	Standard Tail Polarized ²	Long Tail ³	
2	13.97 .550	UL 94V-2	Pre-tin	350428-1	—	350582-1	1-480696-0
			Duplex ⁴	350428-2	—	350582-2	
		UL 94V-0	Pre-tin	350786-1	641964-1 1-641964-1 ¹	350787-1	350777-1
			Duplex ⁴	350786-2	—	350787-2	
3	20.32 .800	UL 94V-2	Pre-tin	350429-1	641965-1	350583-1	1-480700-0
			Duplex ⁴	350429-2	—	350583-2	
		UL 94V-0	Pre-tin	350789-1	641966-1 1-641966-1 ¹	350790-1	350766-1
			Duplex ⁴	350789-2	—	350790-2	
4	26.67 1.050	UL 94V-2	Pre-tin	350430-1	641967-1	350584-1	1-480702-0
			Duplex ⁴	350430-2	—	350584-2	
		UL 94V-0	Pre-tin	350792-1	641968-1	350793-1	350779-1
			Duplex ⁴	350792-2	—	350793-2	
5	33.02 1.300	UL 94V-2	Pre-tin	640466-1	643405-1	—	1-480763-0
			Duplex ⁴	—	—	—	
		UL 94V-0	Pre-tin	640900-1	643406-1	—	350809-1
			Duplex ⁴	640900-2	—	—	
6	39.37 1.550	UL 94V-2	Pre-tin	641832-1	643407-1	—	640585-1
		UL 94V-0	Pre-tin	641831-1	643408-1	—	640581-1
8	52.07 2.050	UL 94V-2	Pre-tin	641825-1	—	770143-1	640586-1
		UL 94V-0	Pre-tin	641828-1	643410-1	770272-1	640582-1

Power Cabled Power Connectors

6, 9, 12 and 15 Circuit, Matrix



Number of Circuits	A Dim.	Flammability Rating	Pin Finish	Pin Header Part Numbers			Mates with Plug Housing Part Number (Using Socket Contacts)
				Standard Tail ¹	Standard Tail Polarized ²	Long Tail ³	
6	13.97 .550	UL 94V-2	Pre-tin	350431-1	641969-1	350585-1	1-480704-0
			Duplex ⁴	350431-2	—	350585-2	
		UL 94V-0	Pre-tin	350711-1	641970-1	350732-1	350715-1
			Duplex ⁴	350711-2	641970-2	350732-2	
9	20.32 .800	UL 94V-2	Pre-tin	350432-1	641971-1	350586-1	1-480706-0
			Duplex ⁴	350432-2	—	350586-2	
		UL 94V-0	Pre-tin	350712-1	641972-1 1-641972-1 ¹	350742-1	350720-1
			Duplex ⁴	350712-2	—	350742-2	
12	26.67 1.050	UL 94V-2	Pre-tin	350433-1	641973-1	350587-1	1-480708-0
		Duplex ⁴	350433-2	—	—	—	
15	33.02 1.300	UL 94V-0	Pre-tin	350713-1	641974-1	350737-1	350735-1
			Duplex ⁴	350713-2	—	350737-2	
		UL 94V-2	Pre-tin	350434-1	641975-1	350588-1	1-480710-0
			Duplex ⁴	350434-2	—	350588-2	
UL 94V-0	Pre-tin	350714-1	641976-1	350738-1	350736-1		
	Duplex ⁴	350714-2	—	350738-2			

¹Duplex Finish — Plated with .000762 [.000030] min. gold in mating area, matte tin-lead on solder tail end over .00127 [.000050] min. nickel underplate on entire contact.

²Use Standard Tail for 1.57 [.062] thick PC Board.

³Use Long Tail for 3.18 [.125] thick PC Board.

⁴Black in color.