

Universal MATE-N-LOK Connectors (Continued)

**PC Board Vertical
Socket Headers**

.250 [6.35] Centerline spacing

Material

Housing—
UL94V-2 Nylon, natural color
UL94V-0 Nylon

Contacts—Phosphor bronze
Solder tail diameter .062 [1.57]

Related Product Data

Product Specification
108-1053 Universal MATE-N-LOK
PC Board Headers

Performance Characteristics—
pages 169-170

**Recommended PC Board Hole
Layout**—page 184

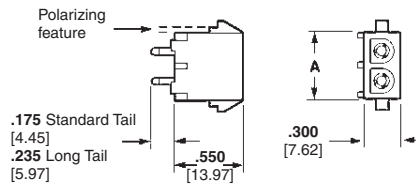
Technical Documents—pages 169
and 205-206

Mating Connectors

Universal MATE-N-LOK
Plug Housings—page 174

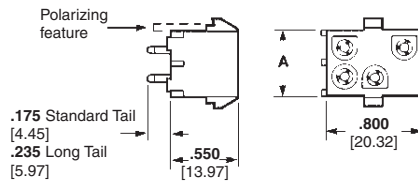
Universal MATE-N-LOK II
Plug Housings—pages 193-194

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



Number of Circuits	A Dim.	Flammability Rating	Socket Finish	Socket Header Part Numbers			Mates with Plug Housing Part Number (Using Pin Contacts)	
				Standard Tail ²	Standard Tail Polarized ²	Long Tail ³	Universal MATE-N-LOK	Universal MATE-N-LOK II
2	.550 13.97	UL94V-2	Pre-tin	350759-4	643411-1	350986-4	1-480698-0	—
			Duplex ¹	350759-5	—	—	—	—
		UL94V-0	Pre-tin	350824-1	643412-1	350831-1	350777-1	770017-1
			Duplex ¹	350824-4	643412-3	—	—	—
3	.800 20.32	UL94V-2	Pre-tin	350760-4	643413-1	350987-4	1-480700-0	—
			Duplex ¹	350760-5	—	—	—	—
		UL94V-0	Pre-tin	350825-1	643414-1	350832-1	350766-1	770018-1
			Duplex ¹	350825-4	643414-3	350832-4	—	—
4	1.050 26.67	UL94V-2	Pre-tin	350761-4	643415-1	350988-4	1-480702-0	—
			Duplex ¹	350761-5	—	350988-5	—	—
		UL94V-0	Pre-tin	350826-1	643416-1	350833-1	350779-1	770019-1
			Duplex ¹	350826-4	—	350833-4	—	—
5	1.300 33.02	UL94V-2	Pre-tin	640467-1	—	—	1-480763-0	—
			Pre-tin	640467-3	—	—	—	—
		UL94V-0	Pre-tin	640901-1	—	—	350809-1	770016-1
			Duplex ¹	640901-3	—	—	—	—
6	1.550 39.37	UL94V-0	Duplex ¹	770262-3	—	—	640581-1	—

**6, 9, 12 and 15
Circuit, Matrix**



Number of Circuits	A Dim.	Flammability Rating	Socket Finish	Socket Header Part Numbers			Mates with Plug Housing Part Number (Using Pin Contacts)	
				Standard Tail ²	Standard Tail Polarized ²	Long Tail ³	Universal MATE-N-LOK	Universal MATE-N-LOK II
6	.550 13.97	UL94V-2	Pre-tin	350762-4	643423-1	350989-4	1-480704-0	—
			Duplex ¹	350762-5	—	350989-5	—	—
		UL94V-0	Pre-tin	350827-1	643424-1	350834-1	350715-1	770020-1
			Duplex ¹	350827-4	643424-3	350834-4	—	—
9	.800 20.32	UL94V-2	Pre-tin	350763-4	643425-1	350990-4	1-480706-0	—
			Duplex ¹	350763-5	—	350990-5	—	—
		UL94V-0	Pre-tin	350828-1	643426-1	350835-1	350720-1	770021-1
			Duplex ¹	350828-4	643426-3	350835-4	—	—
12	1.050 26.67	UL94V-2	Pre-tin	350764-4	—	350991-4	1-480708-0	—
			Duplex ¹	350764-5	—	350991-5	—	—
		UL94V-0	Pre-tin	350829-1	643428-1	350836-1	350735-1	770022-1
			Duplex ¹	350829-4	—	350836-4	—	—
15	1.300 33.02	UL94V-2	Pre-tin	350765-4	643429-1	350992-4	1-480710-0	—
			Duplex ¹	350765-5	—	—	—	—
		UL94V-0	Pre-tin	350830-1	643430-1	350837-1	350736-1	770023-1
			Duplex ¹	350830-4	—	350837-4	—	—

Note: Header Housings on pages 182-185 are available in **colors** listed on page 188. Call Technical Support for exact Part Numbers.

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.

Note: All part numbers are RoHS Compliant.