

Universal MATE-N-LOK Connectors (Continued)

PC Board Right-Angle Pin and Socket Headers

.250 [6.35] Centerline spacing

Material

Housing — Nylon

Contacts — Phosphor bronze

Solder tail width .052 [1.32]

Related Product Data

Product Specification

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

Performance Characteristics—

pages 169-170

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

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

Test Connectors (with spring loaded contacts)

Material

Housing — Nylon

Flammability Rating — UL94V-0

Related Product Data

Mating Connectors — Housings and headers having the same number of circuits. The housings can have pin or socket contacts, or a combination of both.

Mating Housings — page 174

Mating Headers — pages 182-185

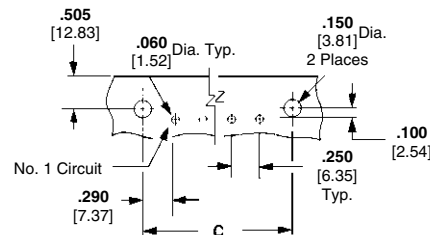
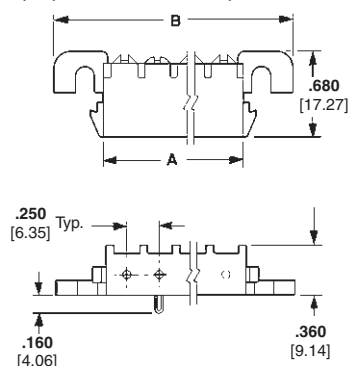
Other Mating Connectors

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

Notes:

- Test probes have 5 amp maximum current rating, 1,000,000 cycles.
- Test Connector housings are of the same configuration as standard housings. Refer to page 23 for dimensional specifications.

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



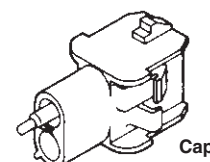
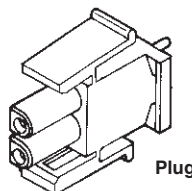
Use 6-32 UNC Pan Head Screw
3/8 [9.53] long for mounting
(Not Supplied)

Recommended PC Board Hole Layout
.062 [1.57] Board Thickness

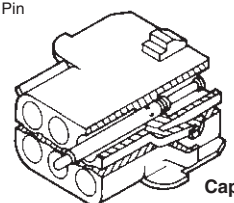
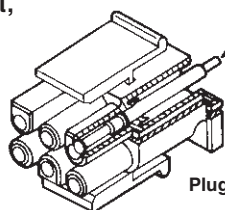
No. of Circuits	Dimensions			Contact Finish	Right-Angle Header Part Numbers							
					UL94V-2			UL94V-0				
	A	B	C		Pin	Socket	Mates with	Pin	Socket	Mates with		
										Universal MATE-N-LOK	Universal MATE-N-LOK	
2	.550 13.97	1.245 31.62	.830 21.08	Pre-tin	—	—	—	1-350942-0	643226-1	350777-1	770017-1	
				Duplex ¹	—	—	—	770994-1 ²	—			
3	.800 20.32	1.495 37.97	1.080 27.43	Pre-tin	—	—	—	1-350943-0	643228-1	350766-1	770018-1	
				Duplex ¹	—	—	—	3-350943-0	3-643228-0			
4	1.050 26.67	1.745 44.32	1.330 33.78	Pre-tin	1-350948-0	—	1-480702-0	1-350944-0	643230-1	350779-1	770019-1	
				Duplex ¹	—	—		3-350944-0	3-643230-0			
5	1.300 33.02	1.995 50.67	1.580 40.13	Pre-tin	1-350949-0	—	1-480763-0	1-350945-0	643232-1	350809-1	770016-1	
				Duplex ¹	—	—		3-350945-0	3-643232-0			
6	1.550 39.37	2.245 57.02	1.830 46.48	Pre-tin	640587-1	643235-1	640585-1	640583-1	643234-1	640581-1	—	
				Duplex ¹	—			640583-3	3-643234-0			
8	2.050 52.07	2.745 69.72	2.330 59.18	Pre-tin	—	643237-1	640586-1	640584-1	643236-1	640582-1	—	
				Duplex ¹	—			640584-3	3-643236-0			

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. ²Black in color.

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



6, 9, 12 and 15 Circuit, Matrix



.084 [2.13] Dia. Pin
Mates with
Universal
MATE-N-LOK
Sockets

Number of Circuits	Part Numbers	
	Plug	Cap
2	350848-2	350849-2
3	350848-3	350849-3
4	350848-4	350849-4
5	350848-5	350849-5
6	350848-6	350849-6
9	350848-9	350849-9
12	1-350848-2	1-350849-2
15	1-350848-5	1-350849-5

Note: All part numbers are RoHS Compliant.