

**Universal MATE-N-LOK II Connectors (Continued)**

**Housing Components  
Free-Hanging or Panel Mount**

.250 [6.35] Centerline spacing

**Material**—Nylon

**Flammability Rating**—UL 94V-0

**Related Product Data**

**Product Specification**

108-1090 Universal MATE-N-LOK II Connectors

**Performance Characteristics**—  
pages 189-190

**Contacts**—page 192

**Illustrations and Dimensions**—  
pages 193-194

**Panel Cutout Recommendations**—  
page 195

**Keying Plug**—page 196

**Strain Reliefs**—page 196

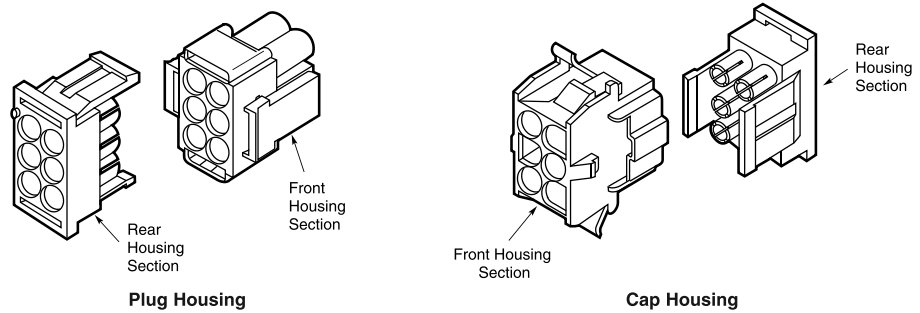
**Technical Documents**—pages 189  
and 205-206

**Other Mating Connectors**

Universal MATE-N-LOK Connectors—  
page 176

Universal MATE-N-LOK Headers—  
pages 182-183 and 185

Universal MATE-N-LOK Test  
Connectors—page 185



Number of Circuits	Kit Component Part Numbers					
	Plug			Cap		
	Kit	Front	Rear	Kit	Front	Rear
2	770017-1	770031-1	770032-1	770024-1	770045-1	770046-1
3	770018-1	770033-1	770034-1	770025-1	770047-1	770048-1
4	770019-1	770035-1	770036-1	770026-1	770049-1	770050-1
5	770016-1	770319-1	770320-1	—	—	—
6	770020-1	770037-1	770038-1	770027-1	770051-1	770052-1
9	770021-1	770039-1	770040-1	770028-1	770053-1	770054-1
12	770022-1	770041-1	770042-1	770029-1	770055-1	770056-1
15	770023-1	770043-1	770044-1	770030-1	770057-1	770058-1

**Notes:**

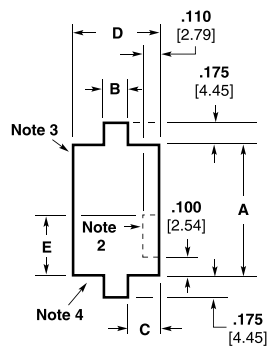
1. Kits consist of a front and rear component.
2. Kit components can be purchased separately.

**Note:** All part numbers are RoHS Compliant.

**Recommended  
Cap Housing  
Panel Cutouts**

View is from cap entry side

Refer to Application Specification  
114-1043



Number of Circuits	Dimensions				
	A	B	C	D	E
2	.565 14.35	.340 8.63	.095 2.41	.530 13.46	.250 6.35
3	.815 20.70	.340 8.63	.095 2.41	.530 13.46	.250 6.35
4	1.065 27.05	.340 8.63	.095 2.41	.530 13.46	.250 6.35
6	.565 14.35	.480 12.19	.275 6.99	1.030 26.16	.250 6.35
9	.815 20.70	.480 12.19	.275 6.99	1.030 26.16	.250 6.35
12	1.065 27.05	.480 12.19	.275 6.99	1.030 26.16	.350 8.89
15	1.315 33.40	.480 12.19	.275 6.99	1.030 26.16	.350 8.89

**Notes:**

1. Recommended panel thickness—.030-.090 [.762-2.286]. Panel must be punched so that housing enters panel in same direction as the punch.
2. Optional—Do not remove this material when keying cap housing to panel.
3. Circuit #1 location when using panel keying with 6, 9, 12 and 15 circuit housings.
4. Circuit #1 location when using panel keying with 2, 3, and 4 circuit housings.