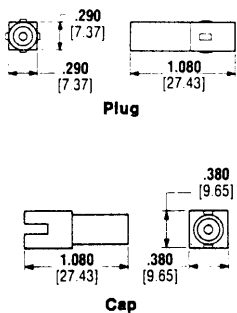


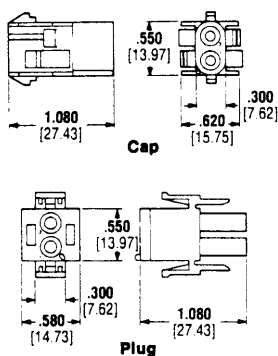
# Universal MATE-N-LOK Connectors

## Connector Housing Specifications

### 1 Circuit Free-Hanging



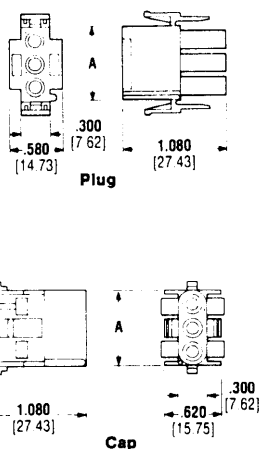
### 2 Circuit



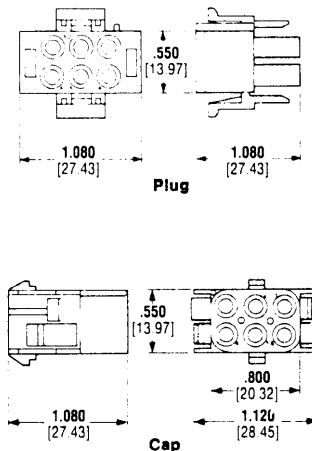
#### NOTES:

- Nylon 94V-2 part numbers listed are for natural nylon colour (other colours available upon request).
- Nylon 94V-0 is brick red or ochre colour.
- Contacts are on .250 (6.35) centreline spacing.
- 5 position cavity identification located on side of housing.

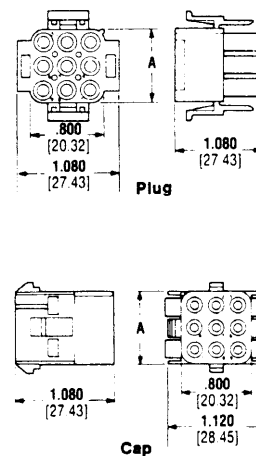
### 3, 4, 5, 6 and 8 Circuit



### 6 Circuit



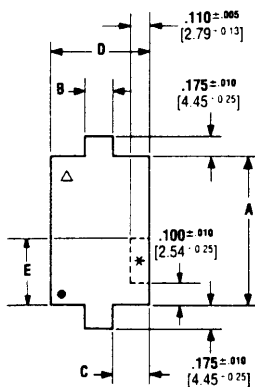
### 9,12 and 15 Circuit



No. of Circuits	A Dim.	Housing Part Numbers			
		Plug Nylon 94V-2	Plug Nylon 94V-0	Cap Nylon 94V-2	Cap Nylon 94V-0
1	—	1-350867-0	350865-1	1-350868-0	350866-1
2	—	1-641084-0*	—	1-641083-0*	—
2	—	1-480698-0	350777-1	1-480699-0	350778-1
3	.800 20.32	1-480700-0	350766-1	1-480701-0	350767-1
4	1.050 26.67	1-480702-0	350779-1	1-480703-0	350780-1
5	1.300 33.02	1-480763-0	350809-1	1-480764-0	350810-1
6	In-line version 1.550 39.37	640585-1	640581-1	—	—
6	—	1-480704-0	350715-1	1-480705-0	350781-1
8	2.050 52.07	640586-1	640582-1	—	—
9	.800 20.32	1-480706-0	350720-1	1-480707-0	350782-1
12	1.050 26.67	1-480708-0	350735-1	1-480709-0	350783-1
15	1.300 33.02	1-480710-0	350736-1	1-480711-0	350784-1

\*Material has 125°C (257°F) temperature rating.

### Cap Housing Panel Cutout



No. of Circuits	Dimensions*				
	A	B	C	D	E
2	.565 14.35	.340 8.64	.095 2.41	.530 13.46	.250 6.35
3	.815 20.7	.340 8.64	.095 2.41	.530 13.46	.250 6.35
4	1.065 27.05	.340 8.64	.095 2.41	.530 13.46	.250 6.35
5	1.315 33.4	.340 8.64	.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 20.7	.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 33.4	.480 12.19	.275 6.99	1.030 26.16	.350 8.89

\*Dimensional tolerances are: ± .005 (0.13) for dims. A and D; ± .010 (0.25) for dims. B, C and E.

#### NOTES:

Recommended panel thickness — .030-.090 (0.76-2.29). Panel must be punched so that housing enters panel in same direction as the punch.

★ Optional for keying housing to panel.

● Circuit 1 location when using panel keying with 6, 9, 12 and 15 circuit.

● Circuit 1 location when using panel keying with 2, 3, 4 and 5 circuit.