

# Wire to Board Connectors

## Mini-Universal MATE-N-LOK Connectors

### PC Board Application Side

#### Pin Header

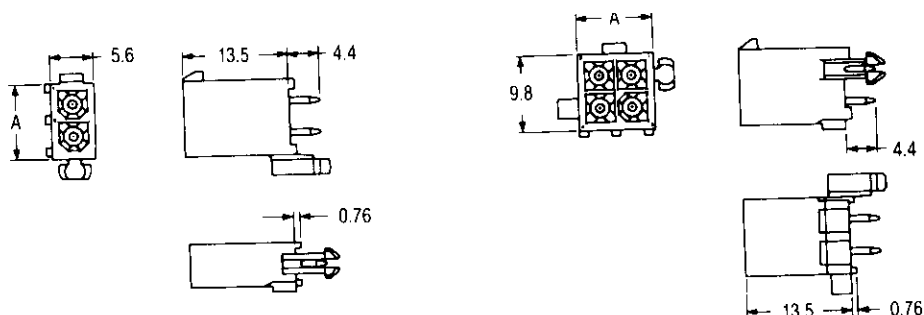
2, 3, 4, 6, 9, 12 and 15 Circuits

#### Material :

Housing — UL94V-0 rated

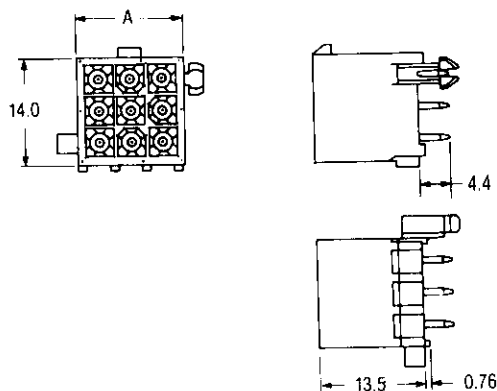
Nylon Natural

Contact — Phos. Brz./Pre-Tin



2 and 3 Circuits

4 and 6 circuits

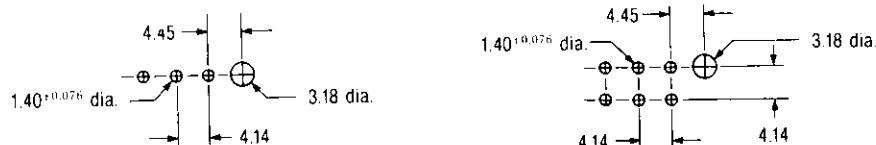


9, 12 and 15 Circuits

| No. of Pos. | Dim. A | Part Number of Pin Header | Part Number of Mating Plug Housing |
|-------------|--------|---------------------------|------------------------------------|
| 2           | 9.8    | 770166-1                  | 172165-1                           |
| 3           | 14.0   | 770170-1                  | 172166-1                           |
| 4           | 9.8    | 770174-1                  | 172167-1                           |
| 6           | 14.0   | 770178-1                  | 172168-1                           |
| 9           | 14.0   | 770182-1                  | 172169-1                           |
| 12          | 18.2   | 770186-1                  | 172170-1                           |
| 15          | 22.4   | 770190-1                  | 172171-1                           |

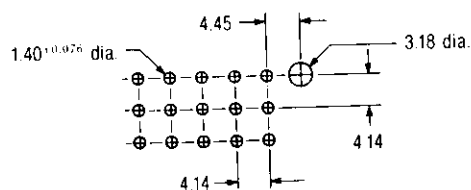
#### PC Board Layout

(Applicable PC Board Thickness : 1.6mm)



2 and 3 Circuits

4 and 6 circuits



9, 12 and 15 Circuits