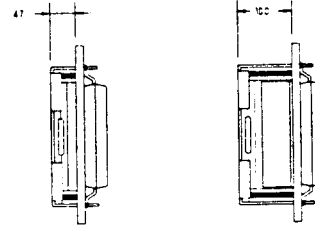
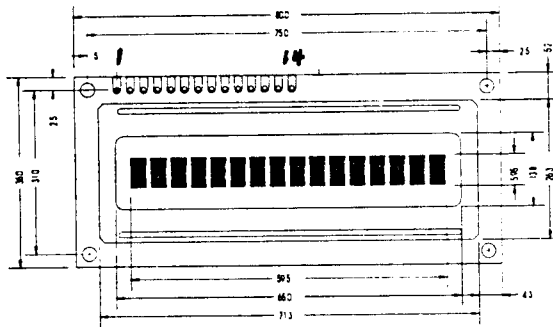
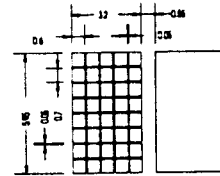
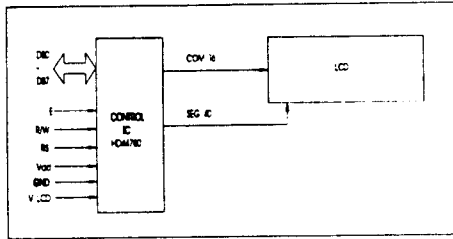


Character Module Dimensions

Display Format - 16 Character x 1 Line • Display Fonts - 5x8 Dots • Driving Method - 1/16 D



| DISPLAY FORMAT | FONTS | CHAR. SIZE (W X H mm) | DOT SIZE (W X H mm) | DISPLAY AREA | MODULE DIM. (W X H X D mm) |
|----------------|-------|-----------------------|---------------------|--------------|----------------------------|
| 16x1 | 5x8 | 3.20x5.95 | 0.60x0.70 | 65.0x13.8 | 80x36x10 |

Pin Function Chart

| Pin # | Name | I/O | Function |
|-------|------|-----|---|
| 1 | Vss | - | Ground; 0 Volts |
| 2 | VDD | - | +5Vdc |
| 3 | Vlc | - | Contrast Adjustment 0 to +5Vdc |
| 4 | RS | I | Signal to select registers: 0 - Instruction register (for write) 1 - Data register (for read and write) |
| 5 | R/W | I | Signal to select read (R) and write (W) 0 - Write MPU → LCD module 1 - Read MPU ← LCD module |
| 6 | E | I | Operation start signal for data read or write |
| 7 | DB0 | I/O | Data bit 0 |
| 8 | DB1 | I/O | Data bit 1 |
| 9 | DB2 | I/O | Data bit 2 |
| 10 | DB3 | I/O | Data bit 3 |
| 11 | DB4 | I/O | Data bit 4 |
| 12 | DB5 | I/O | Data bit 5 |
| 13 | DB6 | I/O | Data bit 6 |
| 14 | DB7 | I/O | Data bit 7 |