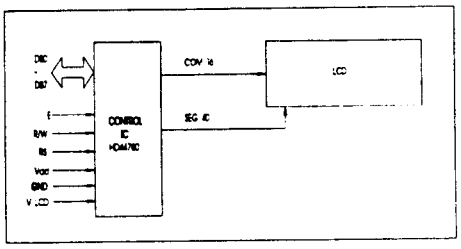
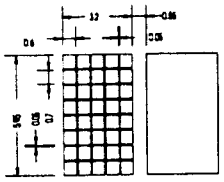
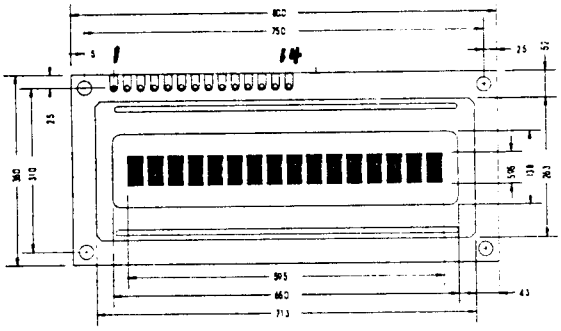
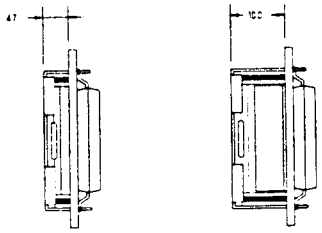
Character Module Dimensions

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)
16 x 1	5 x 8	3.20 x 5.95	0.60 x 0.70	65.0 x 13.8	80 x 36 x 10

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) busy flag; Address counter (for read 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