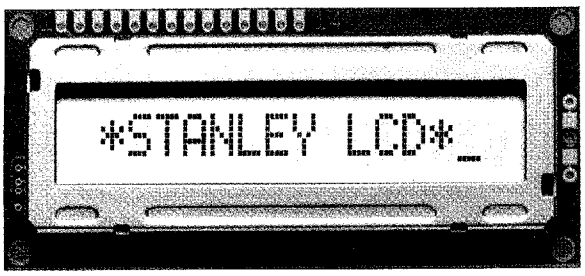
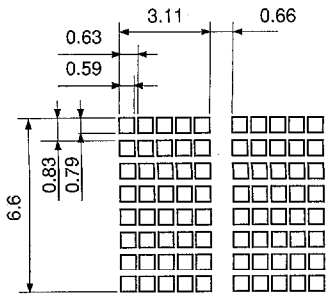
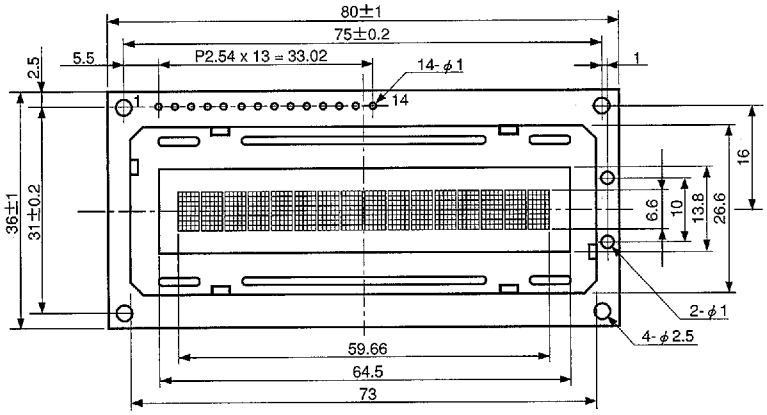
GMD1610F 16 Characters × 1 Line 1/16 Duty

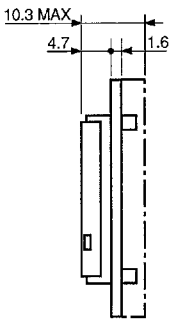


● Display Pattern



● Module Dimensions (Reflective)





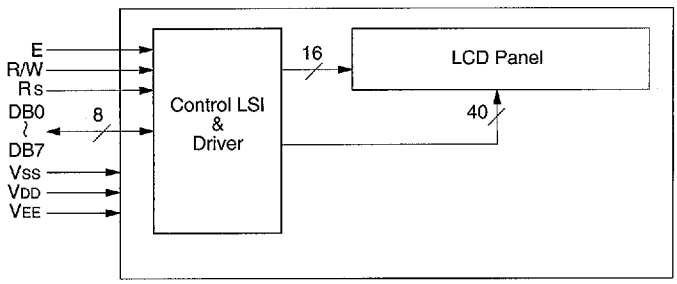
Unit : mm

● Interface Pin Functions

Pin No.	Symbol	Level	Function	
1	V_{SS}	—	Power supply voltage	0V (GND)
2	V_{DD}	—		+5V
3	V_{EE}	—		to drive LCD
4	Rs	H/L	Register Selection Signal H : Data Register L : Instruction Register	
5	R/W	H/L	H : Data Read (MPU←LCD) L : Data Write (MPU→LCD)	
6	E	H/L	Operation start signal for data read/write	
7	DB0	H/L	Data Bus (lower order 4 lines)	
8	DB1	H/L		
9	DB2	H/L		
10	DB3	H/L		
11	DB4	H/L	Data Bus (higher order 4 lines)	
12	DB5	H/L		
13	DB6	H/L		
14	DB7	H/L		
*15	A(LED+)	—	Power Supply Voltage	Supply Voltage for LED Backlighting
*16	K(LED–)	—		0V(GND)

Note) * marked pins are only for LED backlighting type. (GMD1610FLY)

● Block Diagram



● DD RAM Address

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
00	01	02	03	04	05	06	07	40	41	42	43	44	45	46	47

(HEX.)

RAM area : 00H ~ 27H & 40H ~ 67H

Note: Please select 2 lines display to the function setting.