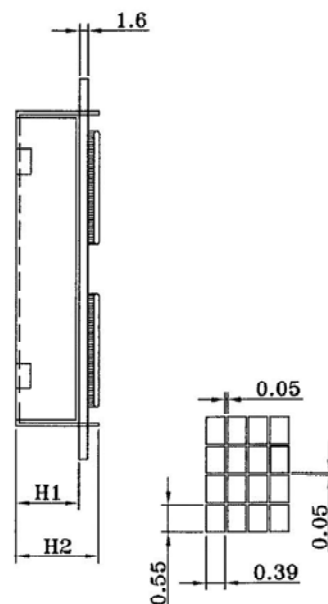
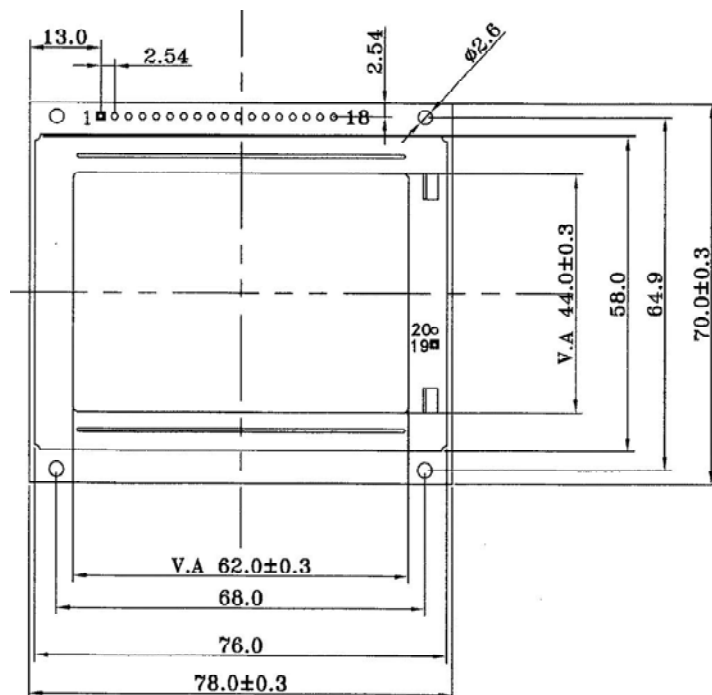


Mechanical Characteristic

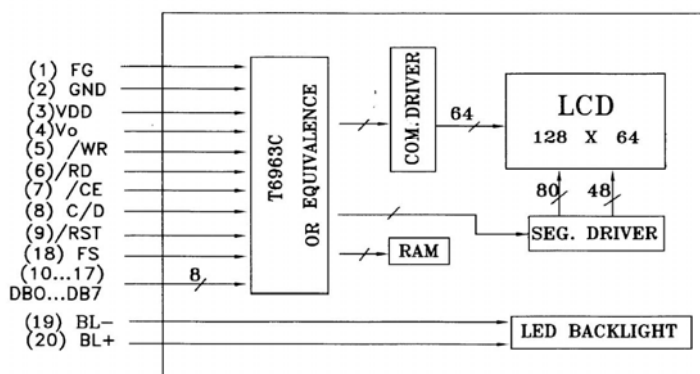
LCM OUTLINE DIMENSION:



GENERAL DESCRIPTION:

Display mode : 128 x 64 dots, graphic LCD
Module Interface : 8-bit parallel
Driving method : 1/64 duty, 1/9 bias
Controller IC : Toshiba T6963C or equivalent
For the detailed information, please refer to the IC specifications.

BLOCK DIAGRAM



PIN NUMBER	SYMBOL	I/O	FUNCTION
1	FG	—	Frame Ground
2	GND	—	0V Power Supply
3	VDD	—	5V Power Supply
4	V _o	↓	LCD Drive, 0V to -8V
5	/WR	I	Write
6	/RD	I	Read
7	/CE	I	Chip Enable
8	C/D	I	Register Select Input
9	/RST	I	Reset
10	DB0	I/O	Data Bus Line
11	DB1	I/O	Data Bus Line
12	DB2	I/O	Data Bus Line
13	DB3	I/O	Data Bus Line
14	DB4	I/O	Data Bus Line
15	DB5	I/O	Data Bus Line
16	DB6	I/O	Data Bus Line
17	DB7	I/O	Data Bus Line
18	FS	I	Font Select Input
19	BL-	I	Backlight Supply terminal (-)
20	BL+	I	Backlight Supply terminal (+)