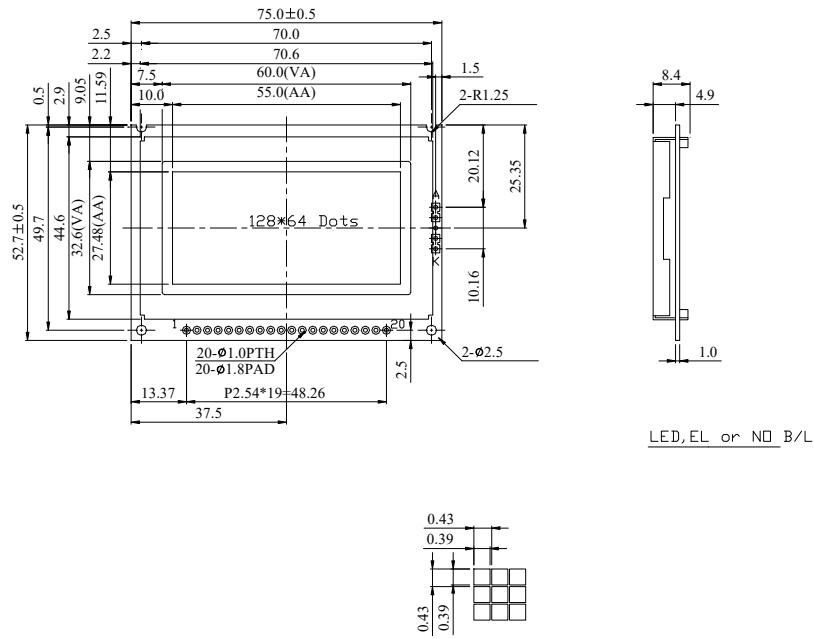


**Dimension**



**FEATURE**

1. 128\*64 dots matrix
2. Logic Power +5v(+3V) Input
3. Built in KS0107/08 Controller
4. 1/64 Duty signal scan

MECHANICAL DATA		
Item	Standard Value	Unit
Module Dimension	75.0 * 52.7	mm
Viewing Area	60.0 * 32.6	mm
Dot Pitch	0.39 * 0.39	mm
Dot Size	0.43 * 0.43	mm

**INTERFACE FUNCTIONS**

Pin NO	Symbol	Function
1	VDD	Logic Power +5V
2	VSS	Logic Power GND
3	V <sub>o</sub>	LCD Operating Volt.
4	DB0	Data Bus
5	DB1	Data Bus
6	DB2	Data Bus
7	DB3	Data Bus
8	DB4	Data Bus
9	DB5	Data Bus
10	DB6	Data Bus
11	DB7	Data Bus
12	CS1	Chip Select for Left 64*64
13	CS2	Chip Select for Right 64*64
14	/RST	Reset Signal
15	R/W	Read/Write
16	D/I	Data/Command Select
17	E	Enable Signal
18	VEE	Negative Volt. -5V Output
19	A	LED Backlight V+
20	K	LED Backlight V-

ABSOLUTE MAXIMUM RATING					
Item	Symbol	Standard Value			Unit
		min	typ	max	
Power Supply	VDD-VSS	2.5	5.0	5.5	V
Input Voltage	V <sub>IH</sub>	0.7V <sub>dd</sub>	V <sub>dd</sub>	V <sub>dd</sub> +0.3	V

ELECTRONICAL CHARACTERISTICS						
Item	Symbol	Condition	Standard Value			Unit
			min	typ	max	
Input Voltage	VDD	25°C	2.7	5.0	5.3	V
Supply Current	IDD	25°C	7.0	10.0	12.0	mA
LCD Driving Voltage for	VDD-V <sub>O</sub>	-20°C	9.0	9.3	9.6	V
		0°C	8.6	8.8	9.0	
		25°C	8.3	8.5	8.7	
		50°C	8.0	8.2	8.5	
		70°C	7.5	7.8	8.0	
LED Forward Voltage	V <sub>F</sub>	25°C	4.0	4.2	4.5	V
LED Forward Current	I <sub>F</sub>	25°C	80	100	150	mA