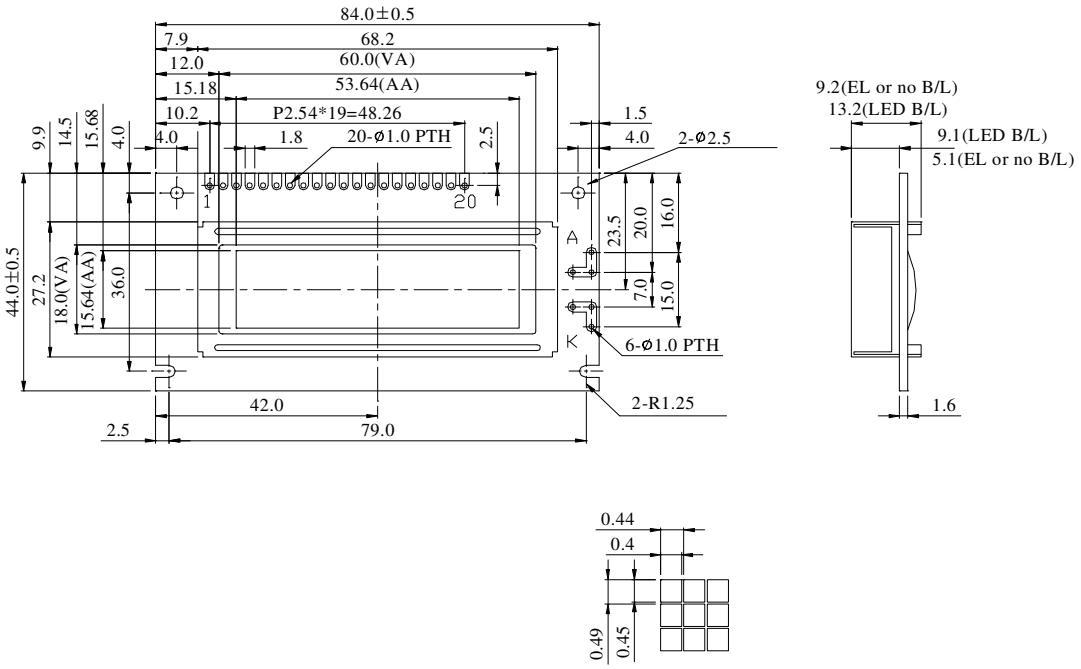
MODEL : SAG12232A Graphic : 122 x 32Dots

Dimension



FEATURE

1. 122*32 dots
2. Logic Power +5v(+3V) Input
3. Built in SED1520DAA(AX6120AA) Controller
4. 1/32 Duty
5. External Clock Input

INTERFACE FUNCTIONS

Pin NO	Symbol	Function
1	VSS	0V Logic GND
2	VDD	5V Logic Power
3	VO	LCD Operating Volt.
4	AO	Data/Command Select
5	CS1	Select Left 61*32 area
6	CS2	Select Right 61*32 area
7	CL	Clock 2KHz Input
8	E(/RD)	Enable 68 series ,Read 80 series
9	R/W(/WR)	Rear/Write 68series,Write 80 series
10~17	D0~D7	Data Bus D0~D7
18	Reset	Reset Signal(68/80 series Select)
19	A	LED B/L V+
20	K	LED B/L V-

MECHANICAL DATA		
Item	Standard Value	Unit
Module Dimension	84.0 * 44.0	mm
Viewing Area	60.0 * 18.0	mm
Dot Pitch	0.44 * 0.49	mm
Dot Size	0.4 * 0.45	mm

ABSOLUTE MAXIMUM RATING					
Item	Symbol	Standard Value			Unit
		min	typ	max	
Power Supply	VDD-VSS	2.5	5.0	5.5	V
Input Voltage	VIH	0.7Vdd	Vdd	Vdd+0.3	V

ELECTRONICAL CHARACTERISTICS						
Item	Symbol	Condition	Standard Value			Unit
			min	typ	max	
Input Voltage	VDD	25℃	2.7	5.0	5.3	V
Supply Current	IDD	25℃	1.0	1.5	2.0	mA
LCD Driving Voltage for	VDD-VO	-20℃	5.2	5.5	6.0	V
		0℃	4.8	5.0	5.2	
		25℃	4.2	4.5	4.8	
		50℃	4.1	4.3	4.5	
		70℃	3.8	4.0	4.2	
LED Forward Voltage	VF	25℃	4.0	4.2	4.5	V
LED Forward Current	IF	25℃	80	120	200	mA