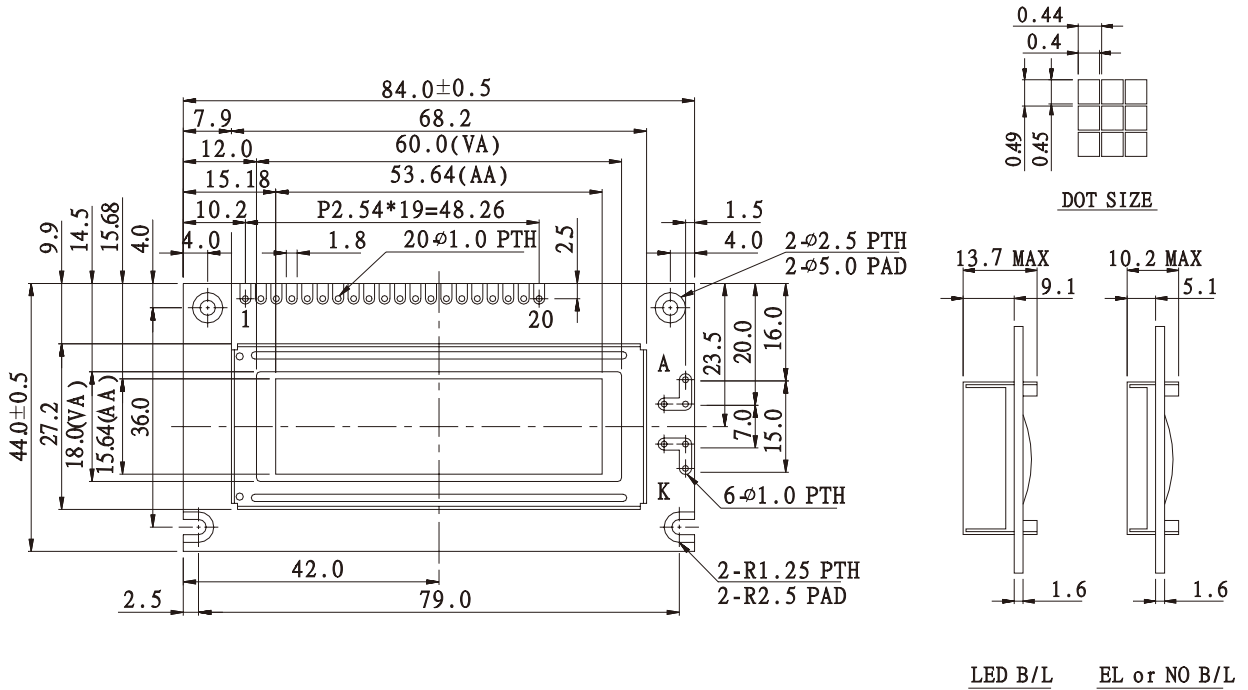


IG12232A/C Graphic 122x32dots

Dimension drawing



Feature

1. Available for internal (A type), External (C type) oscilation 2KHz
2. Built-in controller Avant(SBN1661G) or equivalent
3. 1/32 duty cycle
4. N.V. optional for +3V power supply
5. Chinese Version:IG12232L

Mechanical Data

Item	Standard Value	Unit
Module Dimension	84.0x44.0	mm
Viewing Area	60.0x18.0	mm
Mounting hole	79.0x36.0	mm
Dot Pitch	0.44x0.49	mm

Absolute Maximum Rating

Item	Symbol	Standard Value			Unit
		min.	typ.	max.	
Power Supply	VDD-VSS	4.75	5	5.25	V
Input Voltage	VI	0	---	VDD	V

Note : VSS=0 Volt, VDD=5.0 Volt.

Electronical Characteristics

Item	Symbol	Condition	Standard Value			Unit
			min.	typ.	max.	
Input Voltage	VDD	VDD=+5V	4.5	5.0	5.5	V
Supply Current	IDD	VDD=5V	---	0.6	0.8	mA
Recommended LC Driving Voltage for Normal Temp. Version module	VDD-V0	-20°C	5.3	5.4	5.5	V
		0°C	4.7	4.8	4.9	
		25°C	4.6	4.7	4.8	
		50°C	4.3	4.4	4.6	
LED Forward Voltage	VF	25°C	---	4.2	4.6	V
LED Forward Current	IF	25°C	---	120	240	mA
EL Power Supply Current	IEL	Vel=110VAC;400Hz	---	---	5.0	mA

Graphic type