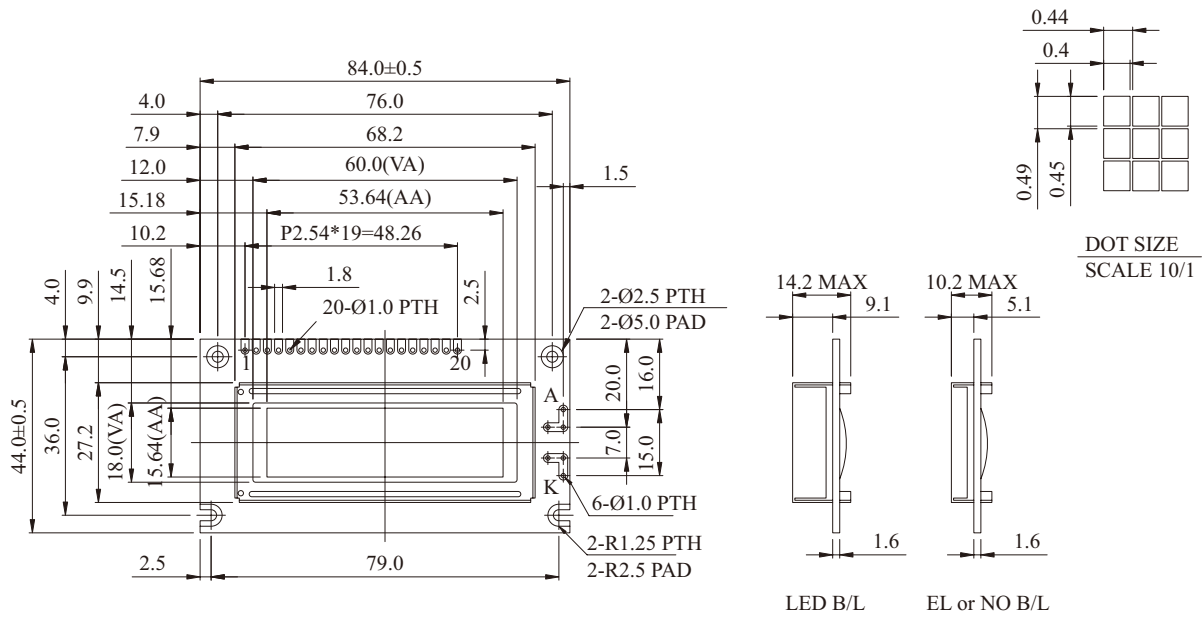


IG12232L Graphic 122x32 dots

Dimension drawing



Feature

1. Built-in controller (ST7920)
2. 1/32 duty cycle
3. Chinese version
4. Same size with IG12232A

Mechanical Data

Item	Standard Value	Unit
Module Dimension	84.0x44.0	mm
Viewing Area	60.0x18.0	mm
Dot Size	0.4x0.45	mm
Dot Pitch	0.44x0.49	mm

Absolute Maximum Rating

Item	Symbol	Standard Value			Unit
		min.	typ.	max.	
Power Supply	VDD-VSS	0	---	7.0	V
Input Voltage	VI	0	---	VDD	V

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

Electrical Characteristics

Item	Symbol	Condition	Standard Value			Unit
			min.	typ.	max.	
Input Voltage	VDD	---	4.5	5.0	5.5	V
Supply Current	IDD	VDD=5V	1.2	1.4	1.8	mA
Recommended LC Driving Voltage for Normal Temp. Version module	VDD-VO	-20°C	---	---	5.2	V
		25°C	---	4.4	---	
		70°C	3.7	---	---	
CCFL Starting Voltage	VFLS	25°C	---	---	---	Vrms
CCFL Driving Voltage	VFLD	25°C	---	---	---	Vrms
CCFL Driving Current	IFLD	VFG=450Vrms 30KHZ	---	---	---	mA
LED Forward Voltage	VF	25°C	4.0	4.2	4.4	V
LED Forward Current	IF	25°C	90	120	180	mA
EL Power Supply Current	IEF	Vel=110VAC;400Hz	---	---	5.0	mA

Graphic type