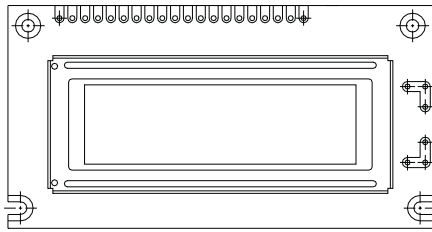


# 122 x 32 Dots Graphic LCD



## FEATURES

- Available for external oscillation 2KHz
- SED 1520, or equivalent
- 1/32 duty cycle
- N.V. optional for + 3V power supply

MECHANICAL DATA		
ITEM	STANDARD VALUE	UNIT
Module Dimension	84.0 x 44.0	mm
Viewing Area	60.0 x 18.0	mm
Dot Size	0.4 x 0.45	mm
Dot Pitch	0.44 x 0.49	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

ELECTRICAL SPECIFICATIONS						
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	-	1.0	1.5	mA
Recommended LC Driving Voltage for Normal Temp.	VDD-V0	0°C	4.7	4.8	4.9	V
Version Module		25°C	4.6	4.7	4.8	
		50°C	4.3	4.4	4.7	
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





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