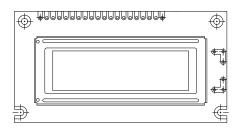




# 122 x 32 Dots Graphic LCD



#### **FEATURES**

- · Avaliable 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	STAN	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		0°C	4.7	4.8	4.9	
Voltage for Normal Temp.	VDD-V0	25°C	4.6	4.7	4.8	V
Version Module		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

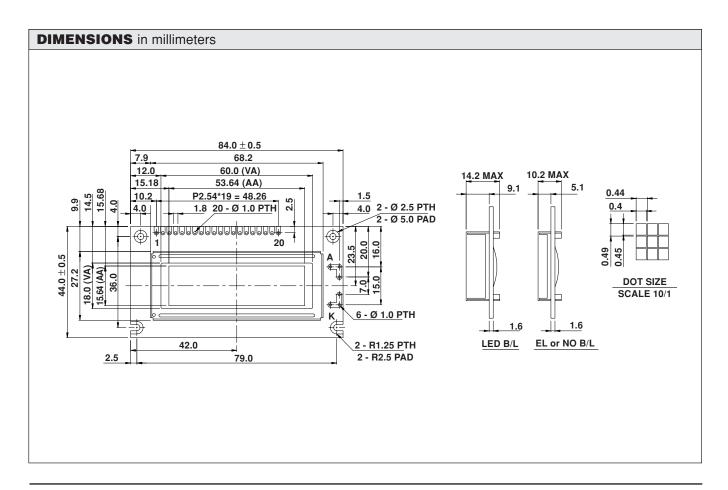
## LCD-122G032C

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### 122 x 32 Dots Graphic LCD



PIN NUMBER	SYMBOL	FUNCTION	
1	Vss	GND	
2	Vdd	(+ 5V)	
3	Vo	Contrast Adjustment	
4	Ao	H →Data L →Instruction	
5	CS1	L →Chip 1 Enable	
6	CS2	L →Chip 2 Enable	
7	CL	External Clock 2KHz	
8	E	Enable Signal	
9	RW	Data Read/Write	
10	DB0	Data Bus Line	
11	DB1	Data Bus Line	
12	DB2	Data Bus Line	
13	DB3	Data Bus Line	
14	DB4	Data Bus Line	
15	DB5	Data Bus Line	
16	DB6	Data Bus Line	
17	DB7	Data Bus Line	
18	RES	H →L Reset the LCM	
19	A/Vee	4.2V for LED/Negative Voltage Output	
20	К	Power Supply for B/L (0V)	





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