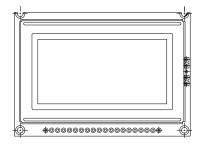




# 128 x 64 Dots Graphic LCD



#### **FEATURES**

- Built-in controller (KS0107 KS0108 re Equivalent)
- + 5V power supply
- 1/64 duty cycle
- N.V. Built-in

MECHANICAL DATA				
ITEM	STANDARD VALUE	UNIT		
Module Dimension	75.0 x 52.7	mm		
Viewing Area	60.0 x 32.6	mm		
Dot Size	0.4 x 0.4	mm		
Dot Pitch	0.43 x 0.43	mm		

ABSOLUTE MAXIMUM RATING					
ITEM	SYMBOL	STAN	UNIT		
		MIN.	TYP.	MAX.	
Power Supply	VDD-VSS	4.75	5.0	5.25	V
Input Voltage	VI	- 0.3	_	VDD	V

NOTE: VSS = 0 Volt, VDD = 5.0 Volt

ELECTRICAL SPECIFICATIONS						
ITEM	SYMBOL	CONDITION	STANDARD VALUE		JE	UNIT
			MIN.	TYP.	MAX.	
Input Voltage	VDD	L level	0.7V <sub>DD</sub>	_	V <sub>DD</sub>	V
	VIO	H level	0	_	0.3V <sub>DD</sub>	V
Supply Current	IDD	VDD = 5V	-	4.0	5.2	mA
Recommended LC Driving		0°C	9.7	10.2	10.7	
Voltage for Normal Temp.	VDD-V0	25°C	7.5	8.0	8.5	V
Version Module		50°C	8.6	9.1	9.6	
LED Forward Voltage	VF	25°C	_	4.0	4.4	V
LED Forward Current	IF	25°C	_	100	200	mA
EL Power Supply Current	IEL	Vel = 110VAC:400Hz	_	_	5.0	mA

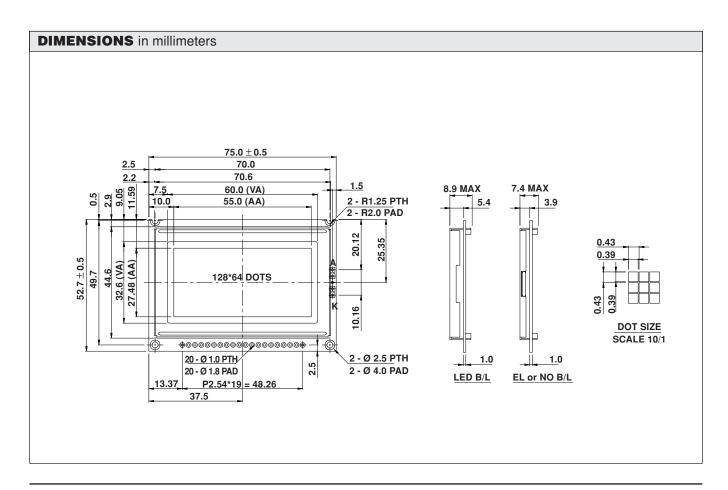
### LCD-128G064B

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### 128 x 64 Dots Graphic LCD



PIN NUMBER	SYMBOL	FUNCTION	
1	Vdd	Power Supply ( +5V)	
2	GND	Power Supply (GND)	
3	Vo	Contrast Adjustment	
4	DB0	Data Bus Line	
5	DB1	Data Bus Line	
6	DB2	Data Bus Line	
7	DB3	Data Bus Line	
8	DB4	Data Bus Line	
9	DB5	Data Bus Line	
10	DB6	Data Bus Line	
11	DB7	Data Bus Line	
12	CS1	Chip Select IC1	
13	CS2	Chip Select IC2	
14	RST	Reset Signal	
15	R/W	Data Read/Write	
16	D/I	Data/Instruction	
17	E	Enable Signal	
18	Vee	Negative Voltage Output	
19	A	Power Supply for LED (4.2V)	
20	К	Power Supply for LED (0V)	





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