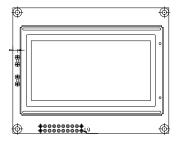




128 x 64 Dots Graphic LCD



FEATURES

- Built-in controller (T6963C)
- + 5V power supply
- 1/64 duty cycle
- Built-in N.V

MECHANICAL DATA				
ITEM	STANDARD VALUE	UNIT		
Module Dimension	87.0 x 70.0	mm		
Viewing Area	72.0 x 40.0	mm		
Dot Size	0.48 x 0.48	mm		
Dot Pitch	0.52 x 0.52	mm		

ABSOLUTE MAXIMUM RATING					
ITEM	SYMBOL	STAN	UNIT		
		MIN.	TYP.	MAX.	
Power Supply	VDD-VSS	4.5	5.0	5.5	V
Input Voltage	VI	- 0.3	_	VDD	V

NOTE: VSS = 0 Volt, VDD = 5.0 Volt

ELECTRICAL SPECIFICATIONS						
ITEM	SYMBOL	CONDITION	STANDARD VALUE		UNIT	
			MIN.	TYP.	MAX.	
Input Voltage	VDD	L level	0.7V _{DD}	_	V _{DD}	V
	VIO	H level	0	_	0.3V _{DD}	V
Supply Current	IDD	VDD = 5V	_	9.7	_	mA
Recommended LC Driving		0°C	9.4	9.9	10.4	
Voltage for Normal Temp.	VDD-V0	25°C	9.4	9.6	10.4	V
Version Module		50°C	8.7	9.2	9.7	
LED Forward Voltage	VF	25°C	_	4.2	_	V
LED Forward Current	IF	25°C Array High	_	480	_	mA
EL Power Supply Current	IEL	Vel = 110VAC; 400Hz	_	_	5.0	mA

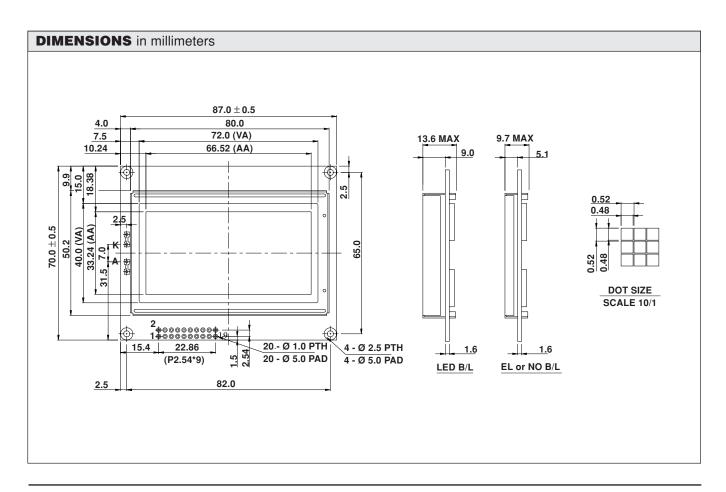
LCD-128G064F

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128 x 64 Dots Graphic LCD



PIN NUMBER	SYMBOL	FUNCTION	
1	Vss	Power Supply (0V)	
2	Vdd	Power Supply (+ 5V)	
3	Vo	Power Supply for LCD Driver	
4	C/D	Command/Data Read/Write	
5	RD	Data Read	
6	WR	Data Write	
7	DB0	Data Bus Line	
8	DB1	Data Bus Line	
9	DB2	Controller Reset	
10	DB3	Data Bus Line	
11	DB4	Data Bus Line	
12	DB5	Data Bus Line	
13	DB6	Data Bus Line	
14	DB7	Data Bus Line	
15	CE	Chip Enable	
16	RST	Controller Reset	
17	Vee	Negative Voltage	
18	Md2	Power Supply for LED B/L (0V)	
19	FSI	Font Select	
20	HLT	Power Supply for LED B/L (+ 5V)	





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