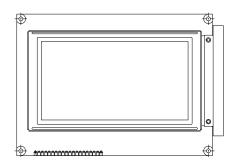


240 x 128 Dots Graphic LCD



FEATURES

- Built-in controller (LC7981 or equivalent)
- + 5V power supply
- 1/64 duty cycle
- Built-in N.V

MECHANICAL DATA				
ITEM	STANDARD VALUE	UNIT		
Module Dimension	144.0 x 104.0	mm		
Viewing Area	114.0 x 64.0	mm		
Dot Size	0.4 x 0.4	mm		
Dot Pitch	0.45 x 0.45	mm		

ABSOLUTE MAXIMUM RATING					
ITEM	SYMBOL	STANDARD VALUE UN			
		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

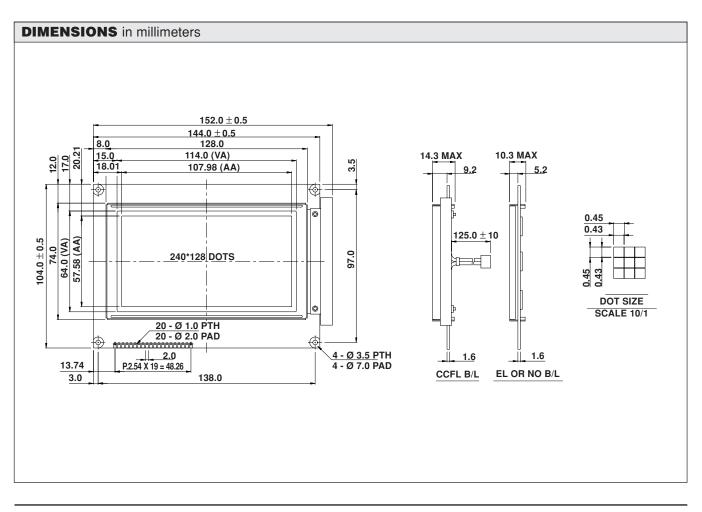
ELECTRICAL SPECIFICATIONS						
ITEM	SYMBOL	CONDITION	STANDARD VALUE		UNIT	
			MIN.	TYP.	MAX.	
Input Voltage	VDD	L level	0.7V _{DD}	-	V _{DD}	v
	VIO	H level	_	-	0.3V _{DD}	v
Supply Current	IDD	VDD = + 5V	0	55	60	mA
Recommended LC Driving		0°C	20.3	21.4	22.5	
Voltage for Normal Temp.	VDD - V0	25°C	18.0	19.1	20.2	v
Version Module		50°C	17.8	18.9	20.0	
LED Forward Voltage	VF	25°C	_	4.2	_	V
LED Forward Current	IF	25°C	_	900	1800	mA
CCFL	VF	25°C	_	250	590	Vms
	IF	25°C	_	_	5.5	mA
EL	IEL	Vel = 110VAC; 400Hz	_	-	5.0	mA

LCD-240G128D Vishay

240 x 128 Dots Graphic LCD



PIN NUMBER	SYMBOL	FUNCTION	
1	Vss	Power Supply (GND)	
2	Vdd	Power Supply (+ 5V)	
3	Vo	Contrast Adjustment	
4	RS	Data/Instruction Select	
5	R/W	Data Read Write	
6	E	Enable Signal	
7	DB0	Data Bus Line	
8	DB1	Data Bus Line	
9	DB2	Data Bus Line	
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	CS	Chip Select	
16	Res	Rest Signal	
17	Vee	Negative Voltage Output	
18	NC	No Connection	
19	A	Power Supply for B/L	
20	К	Power Supply for B/L	





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