

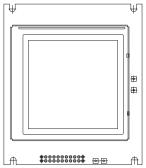


Viewing Area

Mounting Hole

Dot Pitch

128 x 128 Dots Graphic LCD



MECHANICAL DATA ITEM STANDARD VALUE UNIT Module Dimension 85.0 x 100.0 mm

62.0 x 62.0

75.0 x 94.0

0.4 x 0.4

mm

mm

 $\mathsf{m}\mathsf{m}$

FEATURES

- Built-in controller TOSHIBA-(T6963C)
- 1/128 duty cycle
- · N.V. optional
- + 5V power supply

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	_	1.5	_	mA	
Recommended LC Driving		- 20°C	_	18.0	_		
Voltage for Normal Temp.	VDD-V0	25°C	_	17.0	_	V	
Version Module		60°C	_	16.0	_		
LED Forward Voltage	VF	25°C	_	4.2	4.6	V	
LED Forward Current	IF	25°C	_	500	_	mm	
EL Power Supply Current	IEL	Vel = 110VAC; 400Hz	_	_	5.0	mA	

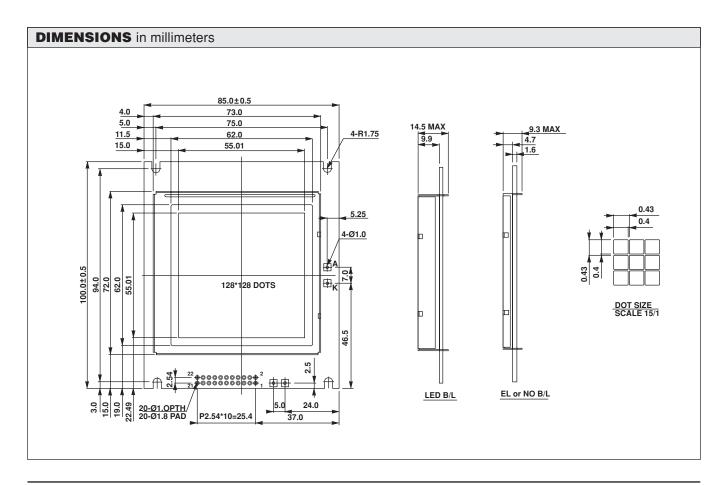
LCD-128G128A

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128 x 128 Dots Graphic LCD



PIN NUMBER	SYMBOL	FUNCTION		
1	FGND	Frame Ground		
2	GND	Power Supply (GND)		
3	Vdd	Power Supply (+ 5V)		
4	Vo	Contrast Adjustment		
5	WR	Data Write		
6	RD	Data Read		
7	CE	Chip Enable		
8	C/D	Command/Data Select		
9	NC	No Connection		
10	RST	Reset Signal		
11	DB0	Data Bus Line		
12	DB1	Data Bus Line		
13	DB2	Data Bus Line		
14	DB3	Data Bus Line		
15	DB4	Data Bus Line		
16	DB5	Data Bus Line		
17	DB6	Data Bus Line		
18	DB7	Data Bus Line		
19	FS	Font Selection		
20	NC/Vee	NC/Negative Voltage Output		
21	A	Power Supply for LED B/L (+ 4.2V)		
22	К	Power Supply for LED B/L (0V)		





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