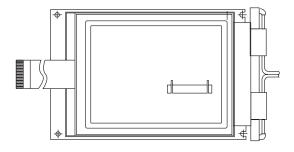




320 x 240 Dots Graphic LCD



MECHANICAL DATA ITEM STANDARD VALUE UNIT Module Dimension 142.0 x 96.0 mm Viewing Area 104.0 x 79.3 mm Mounting Hole 135.0 x 88.0 $\mathsf{m}\mathsf{m}$ Dot Pitch 0.3×0.3 mm

FEATURES

- 320 x 240 dots
- + 5V power supply
- 1/240 duty cycle
- · No controller
- · Touch screen option

ABSOLUTE MAXIMUM RATING								
ITEM	SYMBOL	STANDARD VALUE 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			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	_	10.0	15.0	mA	
Recommended LC Driving		0°C	22.0	23.0	24.0		
Voltage for Normal Temp.	VDD - V0	25°C	21.3	22.2	23.0	V	
Version Module		50°C	19.5	20.8	22.1		
CCFL Starting Voltage	VFLS	25°C	_	600	-	Vrms	
CCFL Driving Voltage	VFLD	25°C	_	268	-	Vrms	
CCFL Driving Current	IFLD	VFQ = 450Vrms 30KHz	_	5.0	_	mArms	

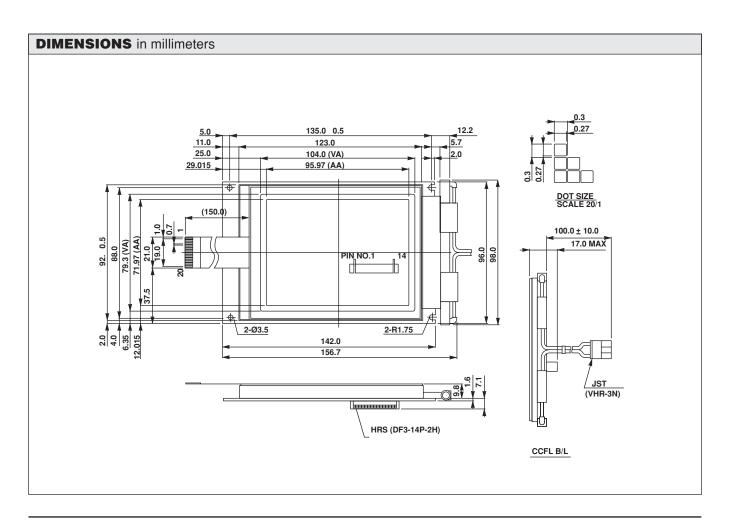
LCD-320G240D

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320 x 240 Dots Graphic LCD



PIN NUMBER	SYMBOL	FUNCTION		
1	FRAME	First Line Marker		
2	DF	Alternate Signal		
3	LOAD	Data Latch		
4	СР	Data Shift		
5	DISPOFF	H: ON L: OFF		
6	D	Data Bus Line		
7	D	Data Bus Line		
8	D	Data Bus Line		
9	D	Data Bus Line		
10	Vdd	Power Supply for LOGIC		
11	Vss	GND		
12	Vee	Negative Voltage		
13	Vo	Operating Voltage LCD Driving		
14	FG	Fix Hole Ground		





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