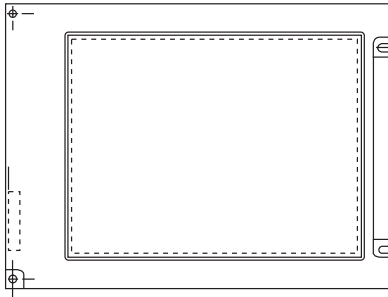


320 x 240 Character LCD



FEATURES

- Color R, G, B LCD type
- 320 RGB x 240 dots
- 8 bit data bus
- Built-in white backlight (CCFL)
- + 3 ~+ 5V power supply
- 1/240 duty cycle

MECHANICAL DATA		
ITEM	STANDARD VALUE	UNIT
Module Dimension	154.6 x 114.8 x 8.5	mm
Viewing Area	118.18 x 89.38	mm
Dot Size	0.09 x 0.33	mm
Character Size	0.12 x 0.36	mm

ABSOLUTE MAXIMUM RATING					
ITEM	SYMBOL	STANDARD VALUE			UNIT
		MIN.	TYP.	MAX.	
Power Supply	VDD-VSS	2.7	3.0	3.3	V
		4.7	5.0	5.3	V
Input Voltage	VI	0.8V _{DD}	–	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	0.8V _{DD}	–	V _{DD}	V
	VIO	H level	V _{SS}	–	0.2V _{DD}	V
Supply Current	IDD	VDD = + 5V	–	–	–	mA
Recommended LC Driving Voltage for Normal Temp.	VDD - V0	0°C	–	–	–	V
		25°C	–	26.2	–	
		50°C	–	–	–	
Power Consumption	–	VDD = + 5V	–	2.0	–	mA
	–	VEE = + 26.2V	–	2.0	–	mA



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