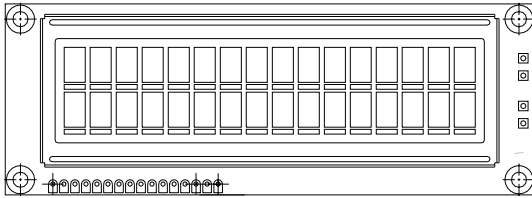


16 x 2 Character LCD


FEATURES

- 5 x 8 dots with cursor
- Built-in controller (KS 0066 or Equivalent)
- + 5V power supply (Also available for + 3V)
- 1/16 duty cycle
- B/L to be driven by pin 1, pin 2 or pin 15, pin 16 or A.K (LED)
- N.V. optional for + 3V power supply

MECHANICAL DATA		
ITEM	STANDARD VALUE	UNIT
Module Dimension	122.0 x 44.0	mm
Viewing Area	99.0 x 24.0	mm
Mounting Hole	115 x 37.0	mm
Character Size	4.84 x 9.66	mm

ABSOLUTE MAXIMUM RATING					
ITEM	SYMBOL	STANDARD VALUE			UNIT
		MIN.	TYP.	MAX.	
Power Supply	VDD-VSS	- 0.3	-	7.0	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	VDD = + 5V	4.7	5.0	5.3	V	
Supply Current	IDD	VDD = + 5V	-	1.6	1.5	mA	
Recommended LC Driving Voltage for Normal Temp. Version Module	VDD - V0	- 20 °C	-	-	5.2	V	
		0 °C	-	-	4.5		
		25 °C	4.2	4.2	-		
		50 °C	3.8	-	-		
		70 °C	3.5	-	-		
LED Forward Voltage	VF	25 °C	-	4.2	4.6	V	
LED Forward Current	IF	25 °C	Array	-	260	520	mA
		25 °C	Edge	-	20	40	mA
EL Power Supply Current	IEL	Vel = 110VAC; 400Hz	-	-	5.0	mA	

DISPLAY CHARACTER ADDRESS CODE:																
Display Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
DD RAM Address	00	01														0F
DD RAM Address	40	41														4F



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