



Features

- 5x8 dots with cursor
- Built-in controller KS0066 or equivalent
- +5V power supply
- 1/16 duty cycle
- LED B/L pins: A/K, 1/2, or 15/16
- Backlight: LED

Optional

- +3V power supply
- Negative voltage

PIN ASSIGNMENT		
PIN	SYMBOL	FUNCTION
1	Vss	GND
2	Vdd	+ 5V(+3V option)
3	Vo	Contrast Adjustment
4	RS	H: Data L: Instruction
5	R/ \bar{W}	H/L read/write signal
6	E	H→ L enable signal
7-14	DB0~7	Data bus line
15	A	Power supply for B/L (+)
16	K	Power supply for B/L (-)

MECHANICAL DATA				
ITEM	STANDARD VALUE		UNIT	
Module Dimension	58.0 x 32.0		mm	
Viewing Area	38.0 x 16.0		mm	
Active Area	27.81 x 11.50		mm	
Dot Size	0.56 x 0.66		mm	
Character Size	2.96 x 5.56		mm	
ELECTRONIC CHARACTERISTICS				
ITEM	SYMBOL	CONDITION	TYPICAL VALUE	UNIT
Input Voltage	Vdd	25°C	5.0	V
Supply Current	Idd	Vdd=+5V	0.9	mA
LCD Driving Voltage	Vdd-Vo	25°C	4.5	V
LED Forward Voltage	Vf	25°C	4.2	V
LED Forward Current	If	25°C	70	mA