

# **UJ Light Technologies**

#### Feature

- 1. COB with metal frame
- 2. 5x7 dots with cursor
- 3. Built-in controller ST7066 or equivalent
- 4. + 5V single power supply
- 5. 1/16 duty cycle
- 6. Option: +3V single power supply7. Option: negative voltage built-in



### Mechanical Data

Item	Standard Value	Unit
Module Dimension	59.0 x 29.3	mm
Viewing Area	52.0 x 15.0	mm
Dot Size	0.45 x 0.54	mm
Character Size	2.54 x 4.67	mm

Pin Assignment

Pin	Symbol	Function		
1	LED(-)	Power supply for B/L(-)		
2	Vss	GND		
3	Vdd	+5V		
4	Vo	Contrast adjustment		
5	RS	H/L register select signal		
6	R/W	H/L read/write signal		
7	E	H>L enable signal		
8~15	DB0~7	H/L data bus line		

## Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +5V	5.0	>
Supply Current	Idd	Vdd = +5V	1.2	mΑ
LCD Driving Voltage	Vdd-Vo	25°C	3.9	<b>V</b>
LED Forward Voltage (yellow-green)	Vf	25°C	2.1	٧
LED Forward Current	If	25°C	40	mA

#### Dimension





