



## Feature

1. COB with metal frame
2. 12x12 dots
3. Built-in controller RW1068
4. + 5V single power supply
5. 1/24 duty
6. LED B/L pins:1/2
7. Option: LED backlight

## Mechanical Data

Item	Standard Value	Unit
Module Dimension	85.0 x 30.0	mm
Viewing Area	66.0 x 16.0	mm
Dot Size	0.50 x 0.5	mm
Character Size	7.24 x 6.94	mm



## Pin Assignment

Pin	Symbol	Function
1	Vss	GND
2	Vdd	+5V(+3V option)
3	Vo	Contrast adjustment
4	RSP	H/L register select signal
5	RWP	H/L read/write signal
6	EP	H --> L enable signal
7~14	DB0~7	H/L data bus line

## Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +5V	5.0	V
Supply Current	Idd	Vdd = +5V	0.6	mA
LCD Driving Voltage	Vdd-Vo	25°C	6.5	V
LED Forward Voltage	Vf	25°C	4.2	V
LED Forward Current	If	25°C	100	mA

## Dimension

