

# BC1602L



## Feature

1. COB with metal frame
2. 5x7 dot with cursor
3. Built-in controller ST7066 or equivalent
4. +5V single power supply
5. 1/16 duty cycle
6. LED B/L pins: 17/18
7. No negative voltage option
8. DIP module



## Mechanical Data

Item	Standard Value	Unit
Module Dimension	68 x 26.8	mm
Viewing Area	61.0 x 19.0	mm
Dot Size	0.56 x 0.80	mm
Character Size	2.96 x 6.68	mm

## Pin Assignment

Pin	Symbol	Function
1	1VSS	GND
2	VDD	+5V
3	VO	Contrast adjustment
4	RS	H/L register select signal
5	R/W	H/L read/write signal
6	E	H/L enable signal
7~14	DB0~DB7	H/L data bus line
15	NC	No connection
16	NC	No connection
17	A	Power supply for B/L(+)
18	K	Power supply for B/L(GND)

## Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +5V	5.0	V
Supply Current	Idd	Vdd = +5V	1.5	mA
LCD Driving Voltage	Vdd-Vo	25°C	4.0	V
LED Forward Voltage (yellow-green)	Vf	25°C	4.2	V
LED Forward Current	If	25°C	150	mA

## Dimension

