

BC4004B



Feature

1. COB with metal frame
2. 5x7 dots with cursor
3. Built-in controller KS0066 or equivalent
4. + 5V single power supply
5. 1/16 duty cycle
6. EL B/L pins: A/K
7. Option: EL B/L
8. Option: +3V single power supply
9. Option: negative voltage (built-in, external)



Mechanical Data

Item	Standard Value	Unit
Module Dimension	215.0 x 60.0	mm
Viewing Area	160.0 x 34.0	mm
Dot Size	0.6 x 0.65	mm
Character Size	3.2 x 6.25	mm

Pin Assignment

Pin	Symbol	Function
1~8	DB0~7	Data bus line
9	E1	H --> L enable signal ic1
10	E2	H --> L enable signal ic2
11	RS	Data/Instruction selection
12	R/W	H/L read/write signal
13	Vo	Contrast Adjustment
14	Vdd	+5V(+3V option)
15	Vss	GND
16	Vss	GND

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +5V	5.0	V
Supply Current	Idd	Vdd = +5V	3.0	mA
LCD Driving Voltage	Vdd-Vo	25°C	4.5	V
EL Power Voltage	Vel	Vel=110Vac/400Hz		V

Dimension

