

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

