



# BC1202A



### 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. B/L pins: 15, or A/K, or 1/2
7. No Negative Voltage Option

### Mechanical Data

| Item             | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 55.7 x 32.0    | mm   |
| Viewing Area     | 46.0 x 14.5    | mm   |
| Dot Size         | 0.45 x 0.60    | mm   |
| Character Size   | 2.65 x 5.50    | mm   |

### Pin Assignment

| Pin  | Symbol          | Function                   |
|------|-----------------|----------------------------|
| 1    | V <sub>ss</sub> | GND                        |
| 2    | V <sub>dd</sub> | +5V                        |
| 3    | V <sub>o</sub>  | 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 | DB0~7           | H/L data bus line          |
| 15   | A               | Power supply for B/L (+)   |

### Electronic Characteristics

| Item                | Symbol                        | Condition             | Typical Value | Unit |
|---------------------|-------------------------------|-----------------------|---------------|------|
| Input Voltage       | V <sub>dd</sub>               | V <sub>dd</sub> = +5V | 5.0           | V    |
| Supply Current      | I <sub>dd</sub>               | V <sub>dd</sub> = +5V | 1.5           | mA   |
| LCD Driving Voltage | V <sub>dd-V<sub>o</sub></sub> | 25°C                  | 4.4           | V    |
| LED Forward Voltage | V <sub>f</sub>                | 25°C                  | 4.2           | V    |
| LED Forward Current | I <sub>f</sub>                | 25°C                  | 40            | mA   |

### Dimension

