



BC1602A20



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. **RS232 interface**
7. Option: LED,EL backlight



Mechanical Data

| Item | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 80.0 x 36.0 | mm |
| Viewing Area | 66.0 x 16.0 | mm |
| Dot Size | 0.56 x 0.66 | mm |
| Character Size | 2.96 x 5.56 | mm |

Pin Assignment RS232 (D-SUB 9Pin)

| Pin | Symbol | Function |
|-----|----------|-------------------|
| 3 | Data Out | Data out from LCM |
| 2 | Data In | Data from user |
| 5 | GND | Ground |

Pin Assignment PORT2

Electronic Characteristics

| Item | Symbol | Condition | Typical Value | Unit |
|---------------------|--------|------------------|---------------|------|
| Input Voltage | Vdd | Vdd = +5V | 5.0 | V |
| Supply Current | Idd | Vdd = +5V | 5.0 | mA |
| LCD Driving Voltage | Vdd-Vo | 25°C | 4.0 | V |
| LED Forward Voltage | Vf | 25°C | 4.2 | V |
| LED Forward Current | If | 25°C | 100 | mA |
| EL Power Voltage | Vel | Vel=110Vac/400Hz | | V |

Dimension

