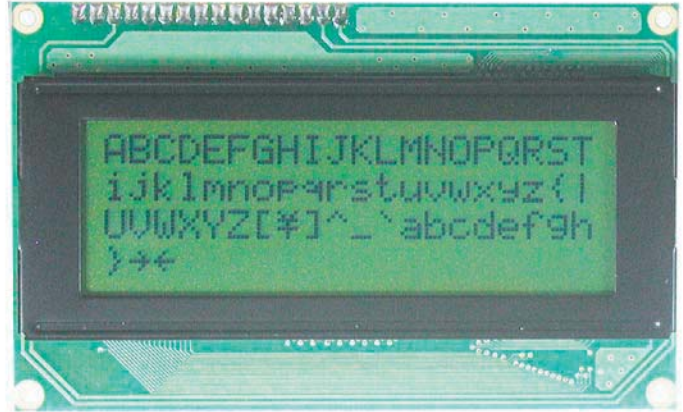


BC2004A20c



Feature

1. COB with metal frame
2. 5x7 dots with cursor
3. Built-in controller Philips PCF 2116
4. + 5V single power supply
5. 1/16 duty cycle
6. I²C interface
7. Option: LED,EL backlight



Mechanical Data

| Item | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 116.0 x 37.0 | mm |
| Viewing Area | 85.0 x 18.6 | mm |
| Dot Size | 0.60 x 0.65 | mm |
| Character Size | 2.95 x 4.75 | mm |

Pin Assignment RS232

| Pin | Symbol | Function |
|-----|------------------------|--|
| 1 | 5V | Data out from LCM |
| 2 | I ² C Clock | I ² C interface clock input |
| 3 | I ² C Data | I ² C interface data input |
| 4 | GND | GND for LCM |

Electronic Characteristics

| Item | Symbol | Condition | Typical Value | Unit |
|---------------------|--------|------------------|---------------|------|
| Input Voltage | Vdd | Vdd = +5V | 5.0 | V |
| Supply Current | Idd | Vdd = +5V | 20.0 | mA |
| LCD Driving Voltage | Vdd-Vo | 25°C | 5.0 | V |
| LED Forward Voltage | Vf | 25°C | 4.3 | V |
| LED Forward Current | If | 25°C | 210 | mA |
| EL Power Voltage | Vel | Vel=110Vac/400Hz | | V |

Dimension

