

BG16080C



Feature

1. SMT PCB with metal frame
2. NO Built-in controller SED1335
3. +5V single power supply, with built-in negative voltage
4. 1/80 duty cycle
5. Option: LED, EL B/L

Mechanical Data

| Item | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 110.5 x 73.0 | mm |
| Viewing Area | 77.5 x 54.0 | mm |
| Dot Size | 0.40 x 0.55 | mm |
| Dot Pitch | 0.44 x 0.59 | mm |



Pin Assignment

| Pin | Symbol | Function |
|-----|----------|----------------------------|
| 1 | DB0 | Display data bit0 |
| 2 | DB1 | Display data bit1 |
| 3 | DB2 | Display data bit2 |
| 4 | DB3 | Display data bit3 |
| 5 | /DISPOFF | "L"-Display off |
| 6 | FRAME | Scan start - up signal |
| 7 | LED OFF | LED on(L) , LED off(off) |
| 8 | LOAD | Data Latch Pulse |
| 9 | CP | Data Shift Pulse |
| 10 | VDD | Power supply for Logic |
| 11 | VSS | Power supply for Logic GND |
| 12 | VEE | Negative Voltage Output |
| 13 | V0 | Contrast adjust |
| 14 | Vss | Grond |
| 15 | NC | No Connection |

Electronic Characteristics

| Item | Symbol | Condition | Typical Value | Unit |
|---------------------|--------|-----------|---------------|------|
| Input Voltage | Vdd | Vdd = +5V | 5.0 | V |
| Supply Current | Idd | Vdd = +5V | 1.0 | mA |
| LCD Driving Voltage | Vdd-Vo | 25°C | 12 | V |
| LED Forward Voltage | Vf | 25°C | 3.2 | V |
| LED Forward Current | If | 25°C | 50 | mA |

Dimension

