

BG240128A



Feature

1. SMT PCB with metal frame
2. Built-in controller T6963C
3. 1/128 duty cycle
4. Option: negative voltage
5. Option: LED white B/L, EL B/L, CCFL



Mechanical Data

| Item | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 170.0 x 103.5 | mm |
| Viewing Area | 132.0 x 76.0 | mm |
| Dot Size | 0.47 x 0.47 | mm |
| Dot Pitch | 0.5 x 0.5 | mm |

Pin Assignment

| Pin | Symbol | Function |
|-------|--------|--|
| 1 | FGND | Frame GND |
| 2 | Vss | Power supply(GND) |
| 3 | Vdd | Power supply for logic(+5V) |
| 4 | Vo | Contrast adjustment |
| 5 | /WR | Data write |
| 6 | /RD | Data read |
| 7 | /CE | Chip enable |
| 8 | C/D | Code/Data |
| 9 | NC/Vee | No connection/Negative voltage output -16.0V |
| 10 | /RST | Controller reset |
| 11~18 | DB0-7 | Data bus line |
| 19 | FS | Font selection (H: 6x8, L:8x8) |
| 20 | RV | Reverse (H: reverse L: normal) |

Electronic Characteristics

| Item | Symbol | Condition | Typical Value | Unit |
|--------------------------|--------|-----------|---------------|------|
| Input Voltage | Vdd | Vdd = +5V | 5.0 | V |
| Supply Current | Idd | Vdd = +5V | 25.0 | mA |
| LCD Driving Voltage | Vdd-Vo | 25°C | 17.1 | V |
| CCFL Lamp Supply Voltage | VL | 25°C | 328 | Vrms |
| CCFL Lamp Supply Current | IL | 25°C | 5.0 | mA |

Dimension

