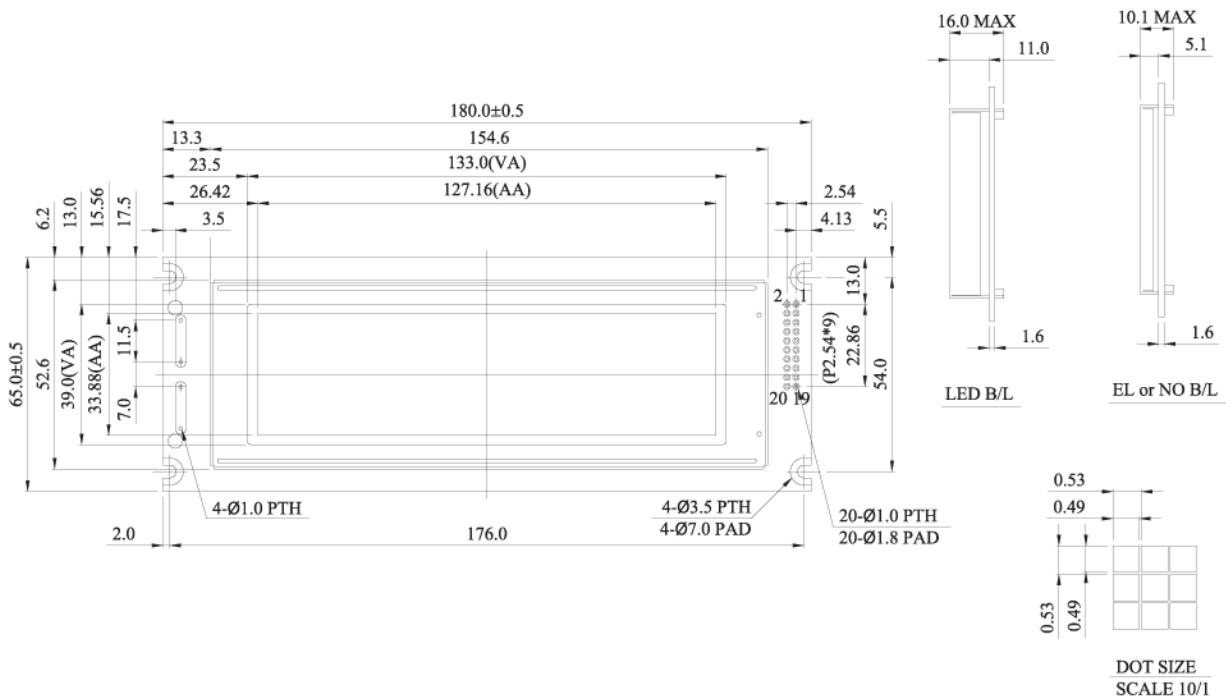


WG24064G Graphic 240x64 dots

Dimension drawing



Graphic type

Feature

1. Built-in controller RA8822 or equivalent
2. +5V power supply 2.7~5.0(selectable)
3. 1/64 duty cycle
4. Built-in N/V.
5. Chinese Version

| Pin NO. | Symbol | Function |
|---------|--------|---|
| 1 | A | Power Supply for B/L |
| 2 | Vss | GND |
| 3 | Vdd | Power Supply for logic |
| 4 | Vo | Operating voltage LCD driving |
| 5 | WR | 8080family:Read signal, 6800family:Enable clock |
| 6 | RD | 8080family:write signal, 6800family:R/W signal |
| 7 | CE | Chip enable |
| 8 | C/D | H:imstruction L:data |
| 9 | VEE | Negative voltage output |
| 10 | RES | Reset |
| 11 | DB0 | DB0 Data bus line |
| 12 | DB1 | DB1 Data bus line |
| 13 | DB2 | DB2 Data bus line |
| 14 | DB3 | DB3 Data bus line |
| 15 | DB4 | DB4 Data bus line |
| 16 | DB5 | DB5 Data bus line |
| 17 | DB6 | DB6 Data bus line |
| 18 | DB7 | DB7 Data bus line |
| 19 | Busy | Ra8802 statis |
| 20 | INT | programable interrupt output |

Mechanical Data

| Item | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 180.0x65.0 | mm |
| Viewing Area | 133.0x39.0 | mm |
| Dot Size | 0.49x0.49 | mm |
| Dot Pitch | 0.53x0.53 | mm |
| Mounting hole | 176.0x54.0 | mm |

Absolute Maximum Rating

| Item | Symbol | Standard Value | | | Unit |
|---------------|---------|----------------|------|------|------|
| | | min. | typ. | max. | |
| Power Supply | VDD-VSS | 4.75 | 5.0 | 5.25 | V |
| Input Voltage | VI | -0.3 | --- | VDD | V |

Note : VSS=0 Volt, VDD=5.0 Volt.

Electronical Characteristics

| Item | Symbol | Condition | Standard Value | | | Unit |
|--|--------|------------------|----------------|------|--------|------|
| | | | min. | typ. | max. | |
| Input Voltage | VDD | L level | 0.7VDD | --- | VDD | V |
| | VIO | H level | 0 | --- | 0.3VDD | V |
| Supply Current | IDD | VDD=5V | --- | 29 | --- | mA |
| Recommended LC Driving Voltage for Normal Temp. Version module | VDD-Vo | -20°C | 13.0 | 13.5 | 14.1 | V |
| | | 0°C | 12.5 | 13.1 | 13.7 | |
| | | 25°C | --- | 12.5 | --- | |
| | | 50°C | 11.1 | 12.2 | 13.0 | |
| | | 70°C | 9.1 | 11.6 | 12.8 | |
| LED Forward Voltage | VF | 25°C | --- | 4.2 | 4.6 | V |
| LED Forward Current | IF | 25°C | --- | 450 | 900 | mA |
| CCFL | VF | 25°C | --- | 215 | 650 | |
| | IF | 25°C | --- | --- | 5.0 | |
| EL | IEL | Vel=110VAC;400Hz | --- | --- | 5.0 | mA |