

Mechanical Data

| Item | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 85.0x30.0x13.2 | mm |
| Viewing Area | 66.0x16.0 | mm |
| Dot Size | 0.38x0.38 | mm |
| Mounting hole | 0.42x0.42 | 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 | --- | VDD | V |

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

Electrical Characteristics

| Item | Symbol | Condition | Standard Value | | | Unit |
|--|--------|------------------|----------------|------|------|------|
| | | | min. | typ. | max. | |
| Input Voltage | VDD | --- | 4.5 | 5.0 | 5.5 | V |
| Supply Current | IDD | VDD=5V | --- | 1.2 | 1.5 | mA |
| Recommended LC Driving Voltage for Normal Temp. Version module | VDD-VO | -20°C | --- | --- | 6.0 | V |
| | | 25°C | --- | 4.7 | --- | |
| | | 70°C | 4.0 | --- | --- | |
| LED Forward Voltage | VF | 25°C | --- | 4.0 | 4.3 | V |
| LED Forward Current | IF | 25°C | --- | 130 | 260 | mA |
| EL Power Supply Current | IEF | Vel=110VAC;400Hz | --- | --- | 5.0 | mA |

Feature

1. Built-in controller (ST7920)
2. 1/32 duty cycle
3. +5.0V power supply
4. Chinese Version
5. Same size with RC1602D

| Pin NO. | Symbol | Function |
|---------|--------|----------------------------|
| 1 | Vdd | Supply voltage for logic |
| 2 | Vss | Ground |
| 3 | Vo | NC |
| 4 | RS | Register select signal |
| 5 | R/W | H: read data L: write data |
| 6 | E | Enable signal |
| 7 | DB0 | Data bus line |
| 8 | DB1 | Data bus line |
| 9 | DB2 | Data bus line |
| 10 | DB3 | Data bus line |
| 11 | DB4 | Data bus line |
| 12 | DB5 | Data bus line |
| 13 | DB6 | Data bus line |
| 14 | DB7 | Data bus line |

Graphic type

RG14432D Graphic 144x32 dots

Dimension drawing

