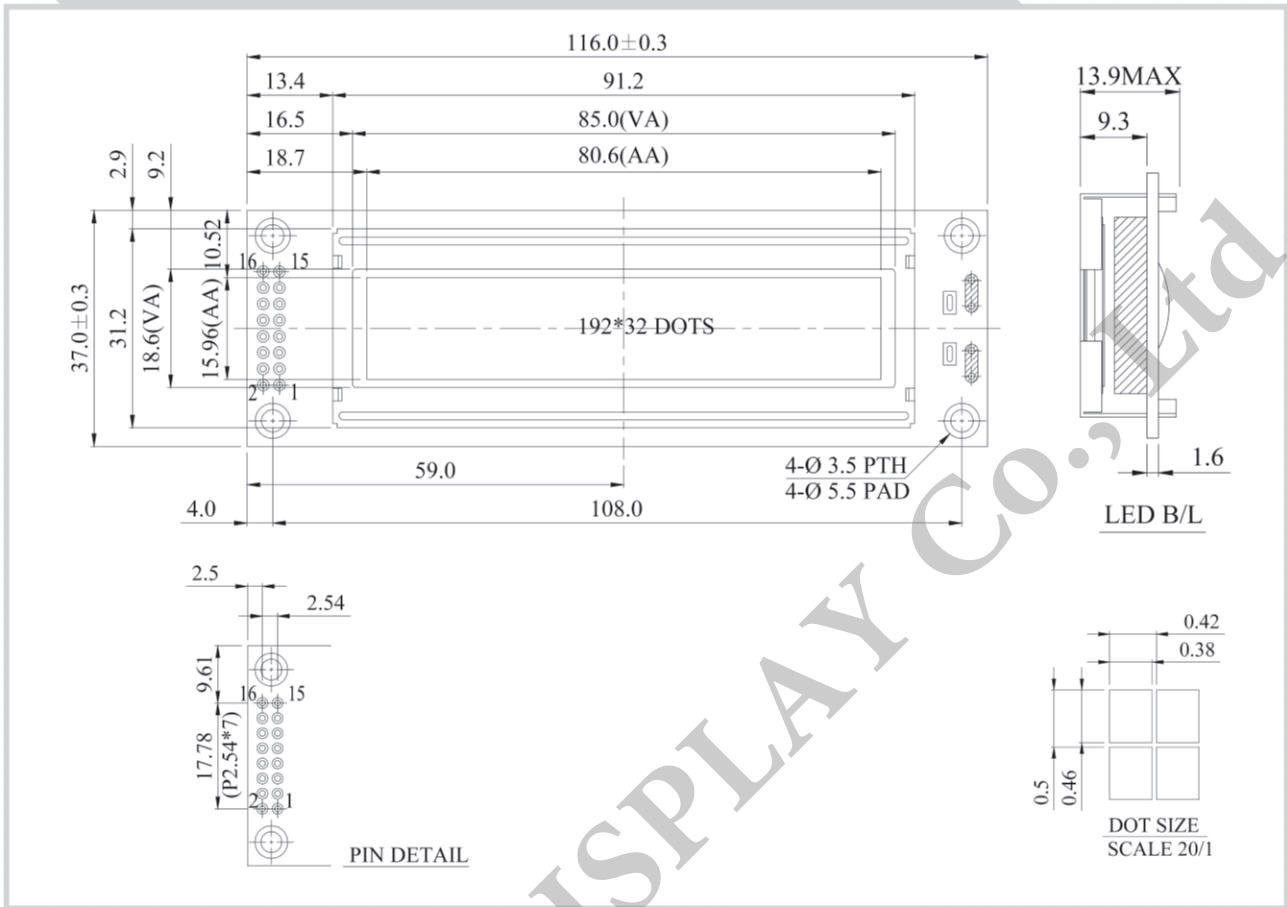


WG19232B Graphic 192x32 dots



Feature

1. Built-in controller ST7920
2. 5V power supply
3. 1/32 duty cycle
4. LED can be driver by PIN15, PIN16
5. Chinese version

| Pin No. | Symbol | Description |
|---------|--------|-------------------------------------|
| 1 | VSS | Ground |
| 2 | VDD | Power supply for logic |
| 3 | V0 | Bias voltage levels for LCD driving |
| 4 | RS | Data/ Instruction select signal |
| 5 | R/W | Read/Write select signal |
| 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 |
| 15 | A | Power supply for B/L + |
| 16 | K | Power supply for B/L - |

Mechanical Data

| Item | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 116.0 x 37.0 | mm |
| Viewing Area | 85.0 x 18.6 | mm |
| Mounting Hole | 108.0 x 29.0 | mm |
| Dot Pitch | 0.42 x 0.50 | mm |
| Dot Size | 0.38 x 0.46 | mm |

Electrical Characteristics

| Item | Symbol | Standard Value | Unit |
|---|--------|----------------|------|
| | | typ. | |
| Input Voltage | VDD | 3/5 | V |
| Recommended LCD Driving Voltage for Normal Temp. Version module @25°C | Vo-Vss | 4.50 | V |