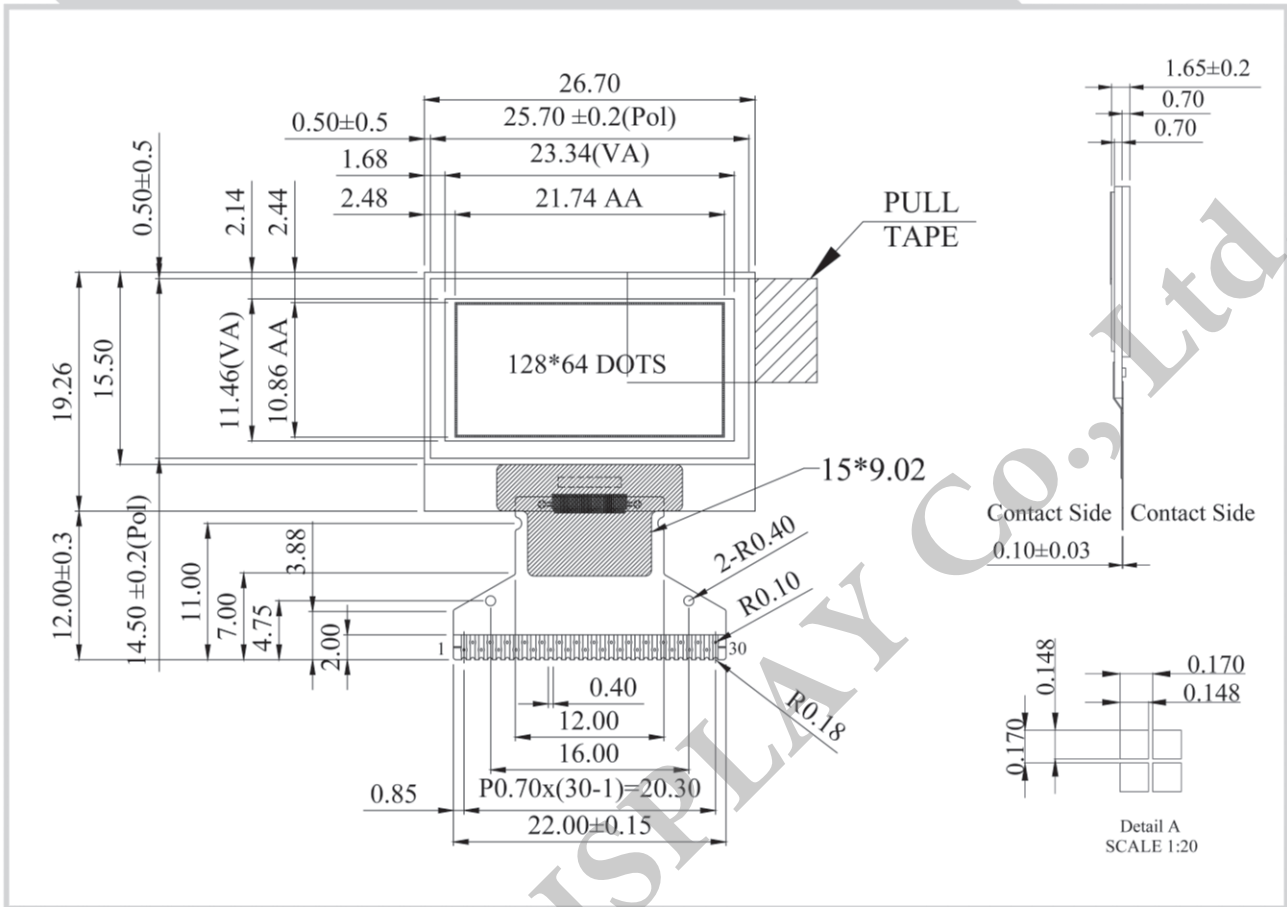


WEO012864C OLED Graphic 128x64 dots



Feature

1. 128*64 Dot Matrix
2. Built-in controller SH1106G
3. +3V Power supply
4. 1/64 duty
5. Interface: 6800, 8080, SPI, I2C
6. Polarizer optional

| Pin No. | Symbol | Description |
|---------|--------|------------------------------|
| 1 | NC | No Connection |
| 2 | C1N | Charge pump capacitor |
| 3 | C1P | Charge pump capacitor |
| 4 | C2P | Charge pump capacitor |
| 5 | C2N | Charge pump capacitor |
| 6 | VDD2 | Charge pump regulator |
| 7 | NC | No Connection |
| 8 | VSS | Ground Pin |
| 9 | VDD1 | Voltage for logic |
| 10 | NC | No Connection |
| 11 | IM1 | Interface selection |
| 12 | IM2 | Interface selection |
| 13 | CSB | Chip Select Pin |
| 14 | RESB | Reset Signal Pin |
| 15 | A0 | Data/Command Control Pin |
| 16 | WRB | Read/Write Control |
| 17 | RDB | Chip Enable Signal |
| 18~25 | D0~D7 | Data Bus |
| 26 | IREF | SEG output current refer pin |
| 27 | VCOMH | COM deselected level |
| 28 | VPP | Panel driving voltage |
| 29 | NC | No Connection |
| 30 | NC | No Connection |

Mechanical Data

| Item | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 26.70 x 19.26 | mm |
| Viewing Area | 23.34 x 11.46 | mm |
| Active Area | 21.74 x 10.86 | mm |
| Dot Pitch | 0.17 x 0.17 | mm |
| Dot Size | 0.148 x 0.148 | mm |

Electrical Characteristics

| Item | Symbol | Condition | Standard Value | | | Unit |
|---------------|--------|-----------|----------------|------|------|------|
| | | | min. | typ. | max. | |
| Input Voltage | VDD1 | --- | 2.8 | 3.0 | 3.3 | V |