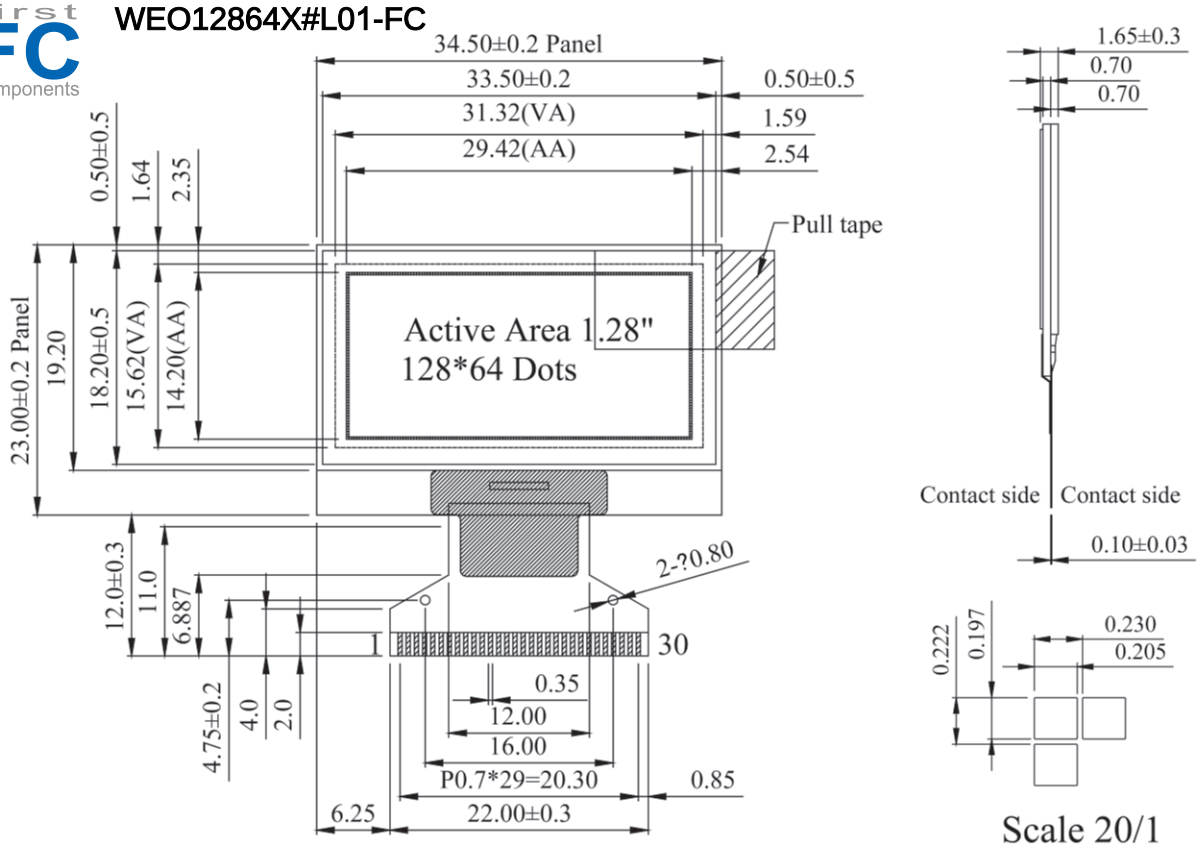
# WEO12864X#L01-FC




## 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 | IM0 | Interface selection |
| 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 | VLSS | Analog system ground pin |
| 30 | NC | No Connection |

## Mechanical Data

| Item | Standard Value | Unit |
|---|---|---|
| Module Dimension | 34.50 x 23.00 | mm |
| Viewing Area | 31.32 x 15.62 | mm |
| Active Area | 29.42 x 14.20 | mm |
| Dot Pitch | 0.23 x 0.22 | mm |
| Dot Size | 0.205 x 0.197 | mm |

## Electrical Characteristics

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