UL12864J



UJ Light Technologies

Feature

- 1. OLED Display 128 x 64 dots
- 2. Built-in controller SSD1325
- 3. +2.4~ +3.5V power supply
- 4. 1/64 duty cycle
- 5. Color: yellow
- 6. 16 Gray Scale

Mechanical Data

| ltem | Standard Value | Unit |
|------------------|-----------------------|------|
| Module Dimension | 41.9 x 28.0 | mm |
| Viewing Area | 38.45 x 20.1 | mm |
| Dot Size | 0.255 x 0.255 | mm |
| Dot Pitch | 0.285 x 0.285 | mm |

Pin Assignment

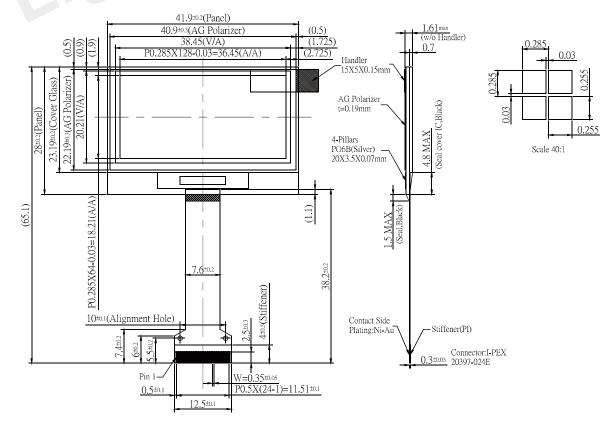
| Pin | Symbol | Function | | | |
|-------|---------|--|--|--|--|
| FIII | | | | | |
| 1 | Vss | Ground | | | |
| 2 | VSL | The voltage output low level for SEG signals | | | |
| 3 | Vcc | Positive OLED high voltage power supply | | | |
| 4 | VCOMH | The COM voltage reference pin | | | |
| 5 | VDD | Voltage power supply for logic | | | |
| 6 | BS1 | Interface select pin | | | |
| 7 | BS2 | Interface select pin | | | |
| 8 | CS# | Chip select pin | | | |
| 9 | RES# | Hardware reset signal | | | |
| 10 | D/C# | This is data/command control pin | | | |
| 11 | R/W# | Data read | | | |
| 12 | E(RD) | Data write | | | |
| 13~20 | DB0~DB7 | Data bus line | | | |
| 21 | IREF | The current reference input pin | | | |
| 22 | Vcc | Positive OLED high voltage power supply | | | |
| 23 | NC | No connection | | | |
| 24 | Vss | Ground | | | |



Electronic Characteristics

| Item | Symbol | Condition | Typical Value | Unit |
|----------------|--------|----------------------|------------------|------|
| Input Voltage | Vdd | Vdd = +3.3V | 3.3 | V |
| Supply Current | ldd | Vdd = +3.3V | 20 | mΑ |
| Life Time | Lu | 60 cd/m ² | 60,000 | hrs |

Dimension



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