BOLYMIN

BL12864J

Feature

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

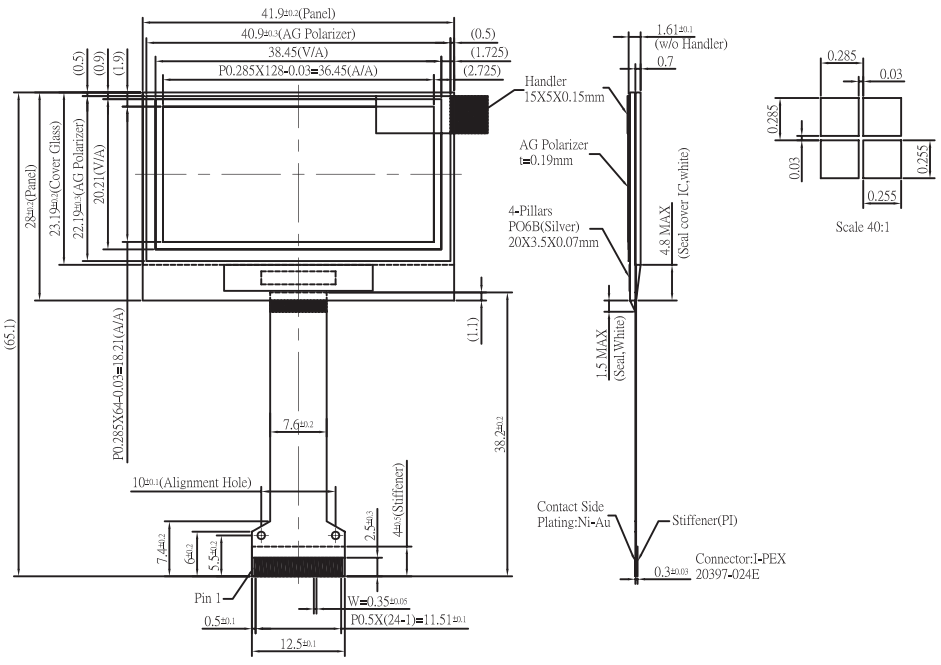
Mechanical Data

Item	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
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	Idd	Vdd = +3.3V	20	mA
Life Time	Lu	60 cd/m^2	40,000	hrs

Dimension