BOLYMIN

BL12864K

Feature

1. OLED Display 128 x 64 dots
2. Built-in controller SSD1305
3. +2.4~ +3.5V single power supply
4. 1/64 duty cycle
5. Color: yellow

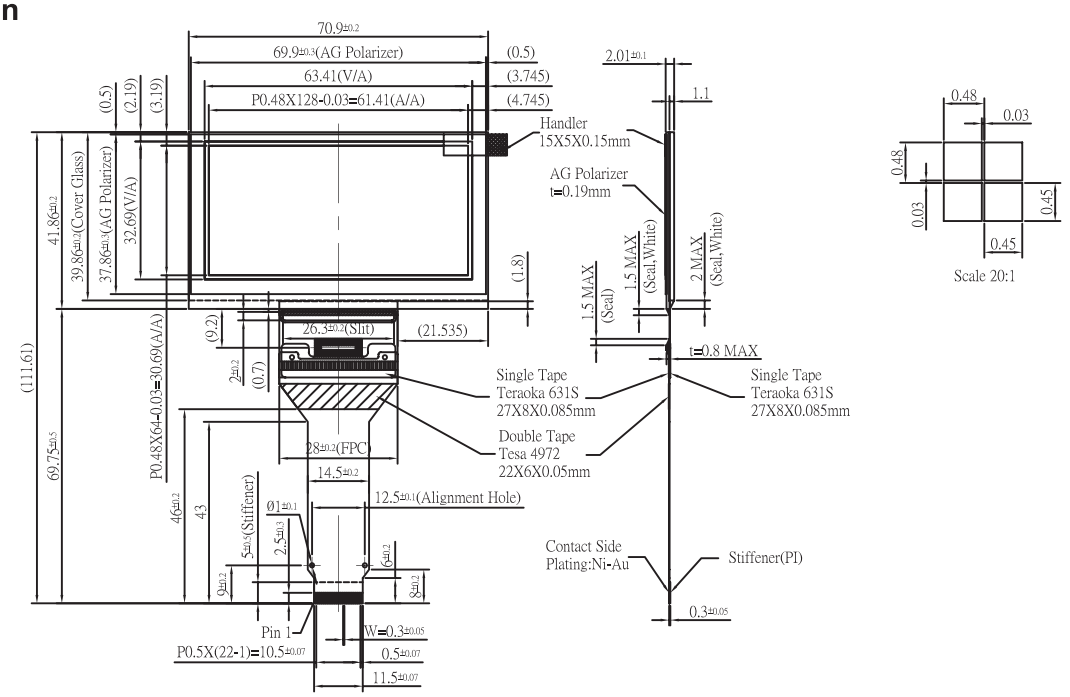
Mechanical Data

Item	Standard Value	Unit
Module Dimension	70.9 x 41.86	mm
Viewing Area	63.41 x 32.69	mm
Dot Size	0.45 x 0.45	mm
Dot Pitch	0.48 x 0.48	mm

Pin Assignment

Pin	Symbol	Function
1	Vcc	Positive OLED high voltage power supply
2	VCOMH	The COM voltage reference pin
3	IREF	The current reference input pin
4~11	DB7~DB0	Data bus
12	E(RD)	Data read
13	R/W#	Data write
14	D/C#	This is data/command control pin
15	RES#	Hardware reset signal
16	CS#	Chip select pin.
17	BS2	Interface select pin
18	BS1	Interface select pin
19	VDD	Voltage power supply for logic
20	NC	No connection
21	Vss	Ground
22	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	30	mA
Life Time	Lu	80 cd/m^2	30,000	hrs

Dimension