# BL12896A

빈 優潔光科技

## **UJ Light Technologies**

### Feature

- 1. OLED Display 128 x 96 dots
- 2. Built-in controller SSD1329
- 3. +3.3∨ single power supply, with Built-in positive voltage
- 4. 1/96 duty cycle
- 5. Color: white or blue
- 6. Option: external positive voltage for LCD
- 7. Option: SPI interface
- 8. 16 Gray Scale

## Mechanical Data

ltem	Standard Value	Unit
Module Dimension	33.0 x 26.8	mm
Active Area	26.86 x 20.14	mm
Dot Size	0.19 x 0.19	mm
Dot Pitch	0.21 x 0.21	mm

### Pin Assignment

Dimension

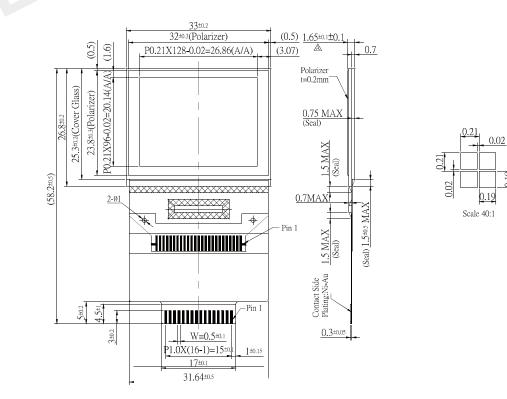
0			
Pin	Symbol	Function	
1	Vss	Ground	
2	Vdd	Power supply for logic	
3	CS	Chip select input	
4	RES	Reset signal	
5	D/C	Data/Command select	
6	WR	Write signal	
7	RD	Read signal	
8~15	DB0~DB7	Data bus	
16	DISPOFF/Vcc	Display OFF/power supply for LCD	



#### Electronic Characteristics

ltem	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +3.3V	3.3	V
Supply Current	ldd	Vdd = +3.3V	155	mA
Life Time(blue)		60 cd/m <sup>2</sup>	8,600	hrs
Life Time(white)		100 cd/m <sup>2</sup>	13,000	hrs

0.19



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