

# BL12896D

## Feature

1. OLED Display 128 RGB x 96 dots
2. Built-in controller SSD1351U3
3. 2.4V~3.5V power supply
4. 1/96 duty cycle
5. Color : 262K Color

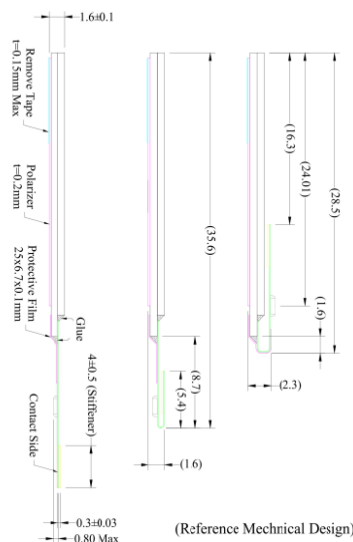
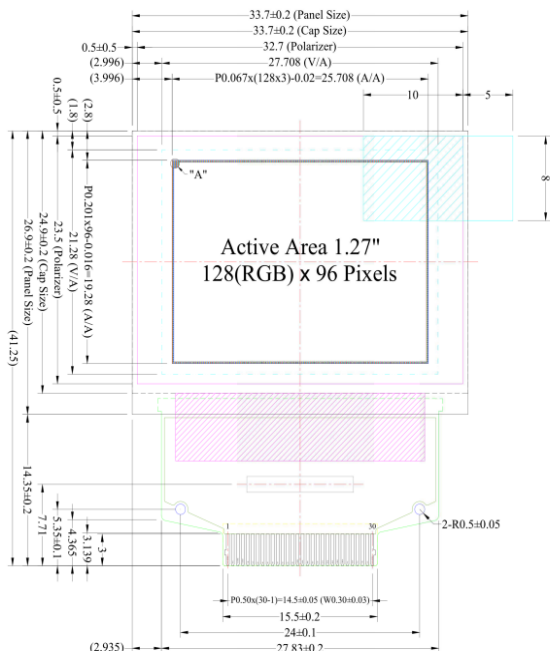
## Mechanical Data

Item	Standard Value	Unit
Module Dimension	33.7 x 26.9	mm
Active Area	25.708 x 19.28	mm
Dot Size	0.047 x 0.185	mm
Dot Pitch	0.067 x 0.201	mm

## Pin Assignment

Pin	Symbol	Description
1,30	NC	No connection.(ESD)
2	VCC	Power supply for panel voltage.
3	VCOMH	Com Voltage Output.
4	VDDIO	Power supply for logic.
5	VSL	Seg Voltage Output.
6,25,29	NC	No connection.
7	D7~D0	Data bus.
8	E/RD#	Data read.
9	R/W#	Data write.
10	BS0	Interface select pin.
11	BS1	Interface select pin.
12	CS#	Chip select pin.
13~20	D/C#	This is data/command control pin.
21	RES#	Hardware reset pin.
22	IREF	The current reference input pin
23	GPIO1	General purpose input/output.
24	GPIO0	General purpose input/output.
26	VDD	Power supply for logic.
27	VCI	Power supply for operation.
28	VSS	Ground.

## Dimension



(Reference Mechanical Design)



## Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	VDD		2.8	V
Supply Current	IDD	VDD=2.8V	1.0	mA
Life Time	White	100 cd/m2	10000	hrs