Visionox

Passive OLED

M0209X

Graphic 88x112dots

Crystage

Part number list

VGM088112A0□□□

Feature

1.Diagnal 0.66 inch
2.Built-in driver SH1107
3.Power supply : +3.0V & +11.0V
4.No voltage booster
5.Interface: SPI / I2C
6.Temperature operating range: -40 ~70℃
7.Available color : White

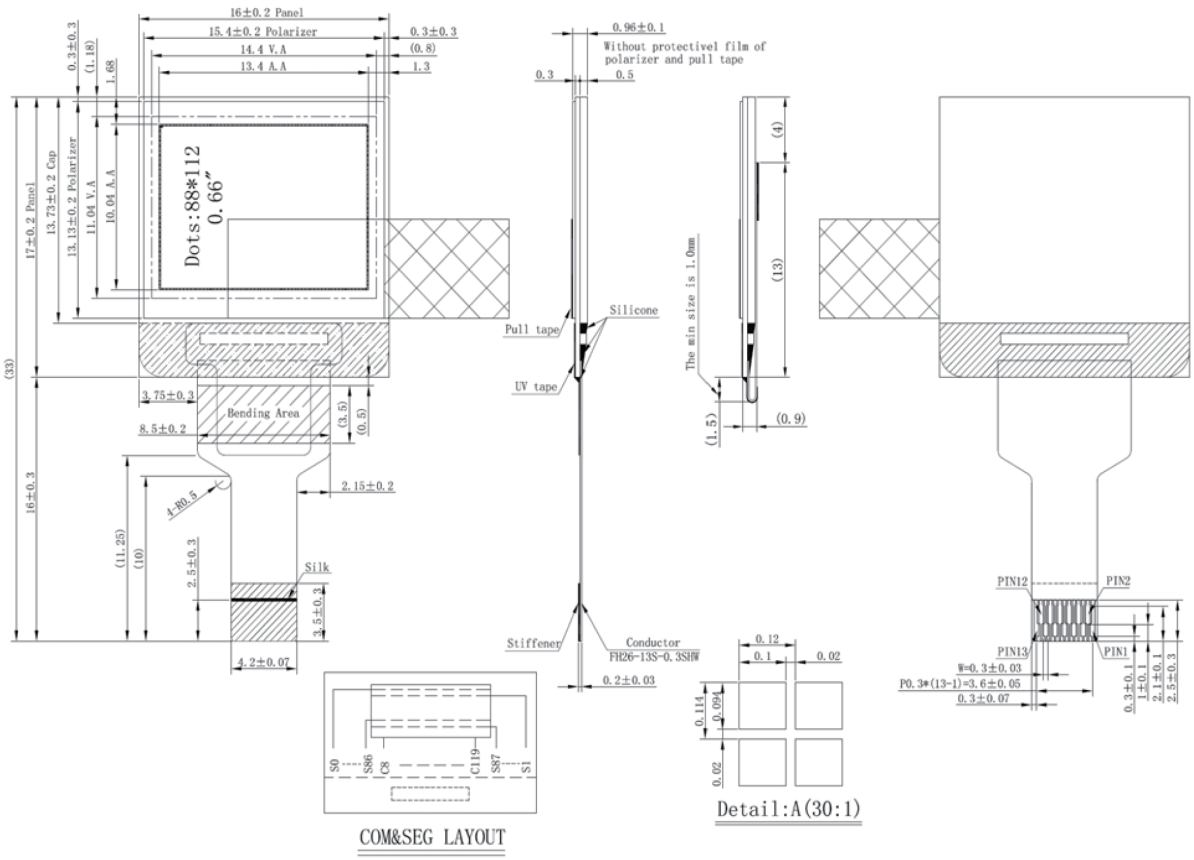
Pin Assignment

Pin No.	Symbol	Description
1	VSS	Ground
2	VPP	OLED driving voltage input
3	VCOMH	COM signal deselected voltage
4	NC	No connection
5	VDD	Power supply for logic
6	IM1	Interface selection pin
7	IREF	Segment current refernce pin
8	CS	Chip select signal
9	RES	Reset signal
10	A0	Data/Command select signal
11	SCL	Serial clock
12	SDA	Serial data
13	VSS	Ground

Mechanical Data

Item	Standard Value	Unit
Panel Dimension	16.0 x 17.0	mm
Active Area	13.4 x 10.04	mm
Dot Pitch	0.12 x 0.114	mm
Dot Size	0.1 x 0.094	mm

Electrical Characteristics

Item	Symbol	Standard Value typ.	Unit
Logic Voltage	VDD	3.0	V
OLED driving Voltage	VPP	11.0	V

Mechanical Drawing