

Part number list

VGM096096A4 ☐ ☐ ☐

Pin Assignment

Pin No.	Symbol	Description
1	NC	No connection
2	VPP	OLED driving voltage input
3	VCOMH	COM signal deselected voltage
4	VDD	Power supply for logic
5	NC	No connection
6	NC	No connection
7	IM2	Interface selection pin
8	IM1	Interface selection pin
9	IREF	Segment current reference pin
10	CS	Chip select signal
11	RES	Reset signal
12	A0	Data/Command select signal
13	WR	Write enable signal
14	RD	Read enable signal
15~22	D7~D0	Data bus
23	NC	No connection
24	VSS	Ground

Feature

- 1.Diagonal 1.12 inch
- 2.Built-in driver SH1107G
- 3.Power supply : +3.0V & +12V
- 4.No voltage booster
- 5.Interface:8080 / 6800 / SPI / I2C
- 6.Temperature operating range: -40 ~70℃
- 7.Available color : White / Yellow

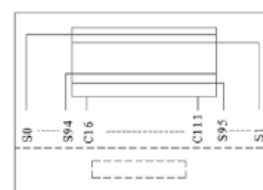
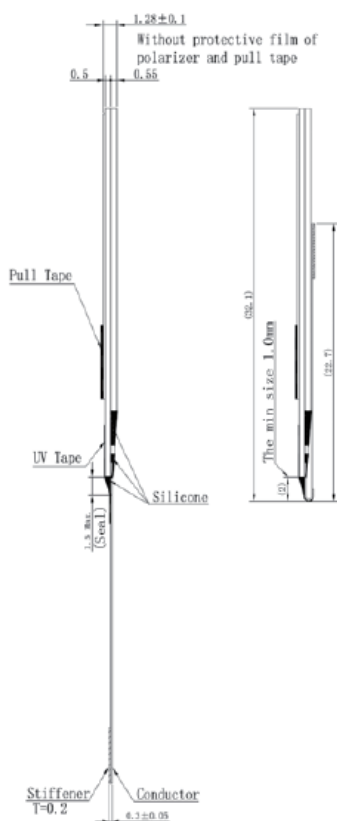
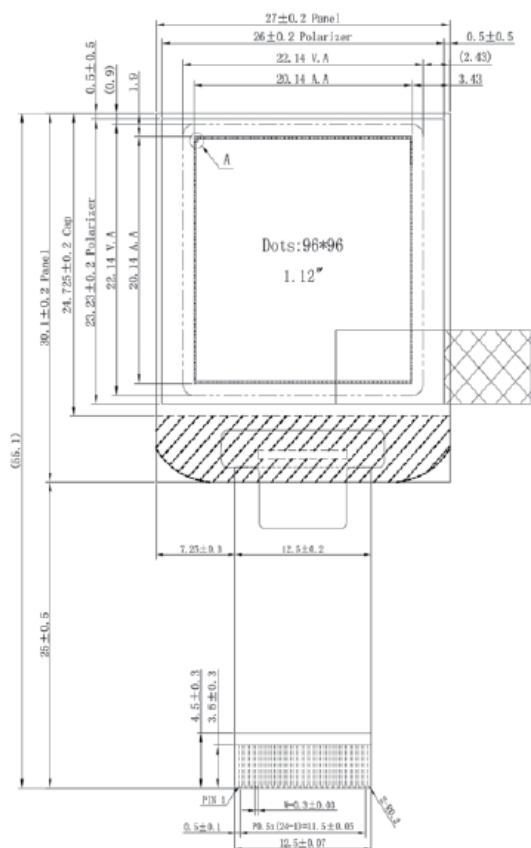
Mechanical Data

Item	Standard Value	Unit
Panel Dimension	27.0 x 30.1	mm
Active Area	20.14 x 20.14	mm
Dot Pitch	0.21x 0.21	mm
Dot Size	0.19 x 0.19	mm

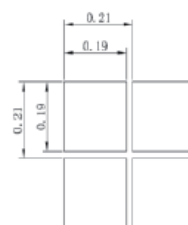
Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Logic Voltage	VDD	3.0	V
OLED driving Voltage	VPP	12.0	V

Mechanical Drawing



Com & Seg layout



Detail A (30:1)