

Part number list

VGM096096A1□□□

Feature

- 1.Diagonal 1.12 inch
- 2.Built-in driver SSD1327Z
- 3.Power supply : +2.5V & +3.0V & +11.0V
- 4.No voltage booster
- 5.Interface: 6800 / 8080 / SPI / I2C
- 6.Temperature operating range: -40 ~70°C
- 7.Available color : White / Green / Amber
(with 16 Gray scale)

Pin Assignment

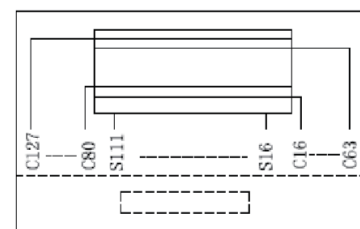
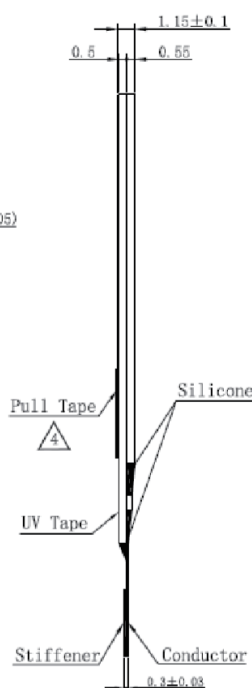
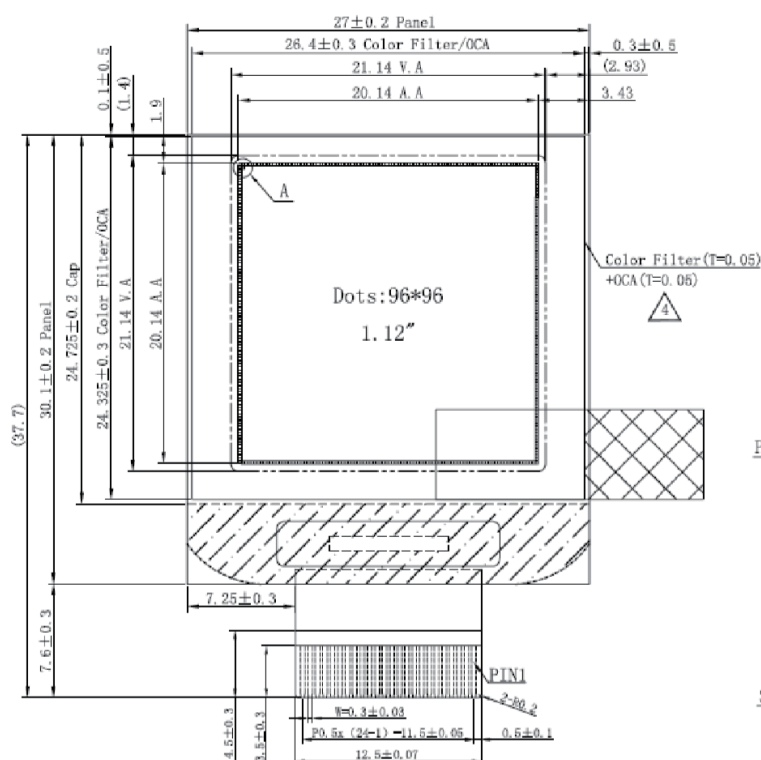
Pin No.	Symbol	Description
1	VSS	Ground
2	NC	No connection
3~10	D7~D0	Data bus
11	RD	Read enable signal
12	WR	Write enable signal
13	D/C	Data/Command select signal
14	RES	Reset signal
15	CS	Chip select signal
16	IREF	Segment current reference pin
17	BS2	Interface selection pin
18	BS1	Interface selection pin
19	NC	No connection
20	VDD	Power supply for logic
21	VCI	Low voltage power supply
22	VC0MH	COM signal deselected voltage
23	VCC	OLED driving voltage input
24	VSL	Segment voltage reference pin

Mechanical Data

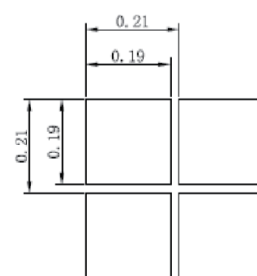
Item	Standard Value	Unit
Panel Dimension	27.0 x 30.1	mm
Active Area	20.14 x 20.14	mm
Dot Pitch	0.21 x 0.21	mm
Dot Size	0.19 x 0.19	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Logic Voltage	VDD	2.5	V
OLED driving Voltage	VCI & VCC	3.0 & 11.0	V

Mechanical Drawing

Com & Seg layout



Detail A (30:1)