Visionox

Passive OLED

M0039X

Graphic 128x128dots

Crystage

Part number list

VGM128128A4□□□

Feature

1.Diagnal 1.46 inch
2.Built-in driver SSD1327Z
3.Power supply : +2.5V & +3.0V & +15.0V
4.No voltage booster
5.Interface: 8080 / 6800 / SPI / I2C
6.Temperature operating range: -40 ~70℃
7.Available color : White / Blue / Amber

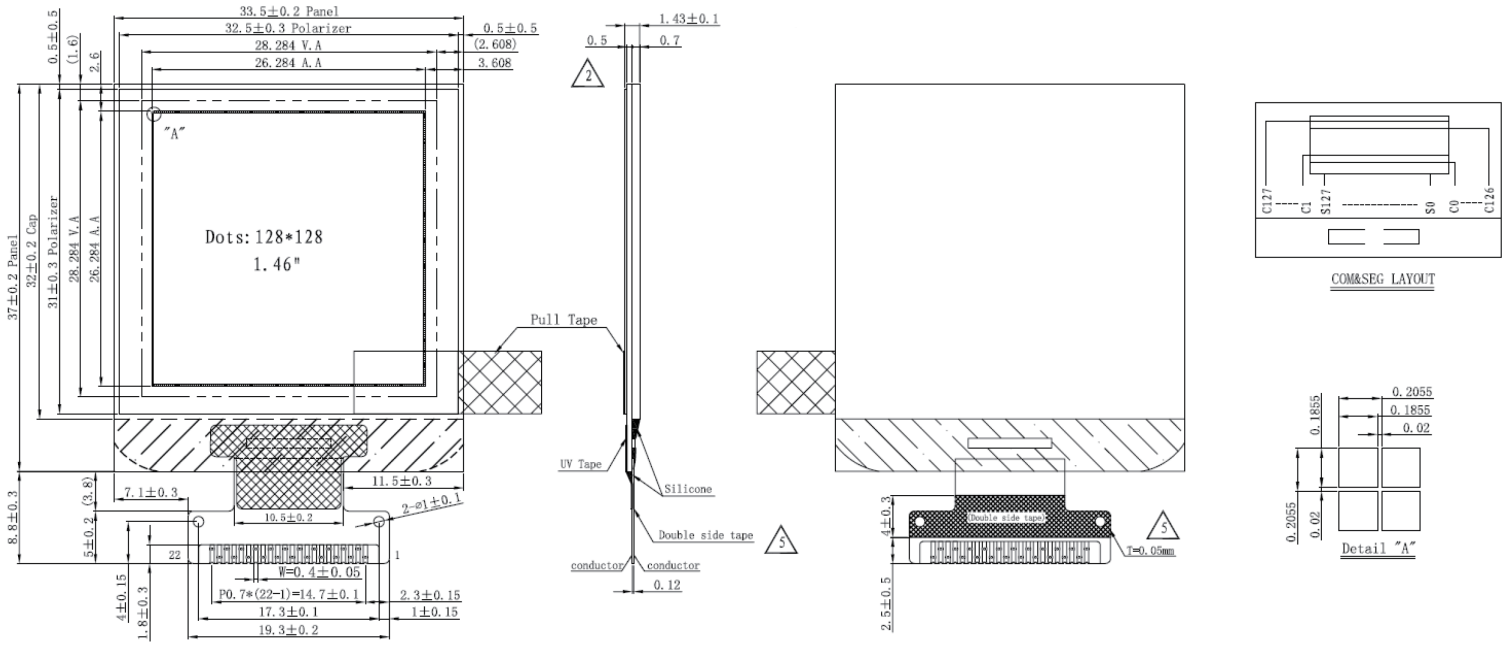
Pin Assignment

Pin No.	Symbol	Description
1	NC	No connection
2	VSS	Ground
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 refernce pin
17	BS2	Interface selection pin
18	BS1	Interface selection pin
19	VDD	Power supply for logic
20	VCI	Low voltage power supply
21	VCOMH	COM signal deselected voltage
22	VCC	OLED driving voltage input

Mechanical Data

Item	Standard Value	Unit
Panel Dimension	33.5 x 37.0	mm
Active Area	26.284 x 26.284	mm
Dot Pitch	0.2055 x 0.2055	mm
Dot Size	0.1855 x 0.1855	mm

Electrical Characteristics

Item	Symbol	Standard Value typ.	Unit
Logic Voltage	VDD	2.5	V
OLED driving Voltage	VCI & VCC	3.0 & 15.0	V

Mechanical Drawing