

OLED DISPLAY SPECIFICATION



RAYSTAR

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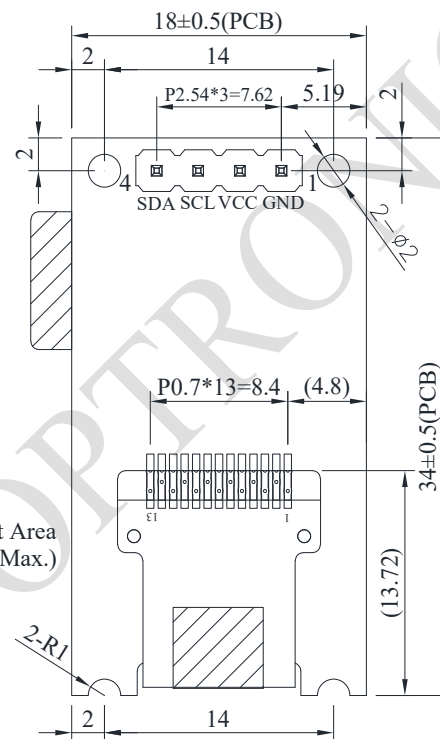
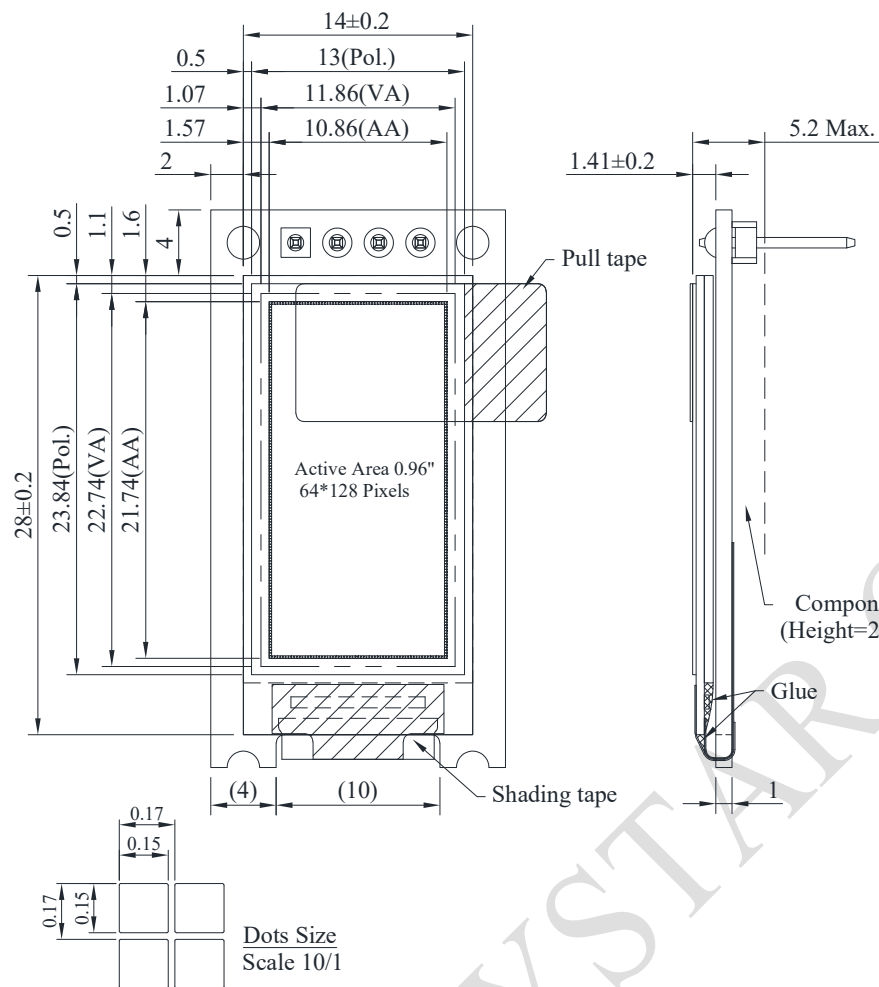
General Specification

- Module dimension: 34.0 × 18.0 × 1.41 mm
- Active area: 10.86 × 21.74 mm
- Dot Matrix: 64 × 128
- Pixel size: 0.15 × 0.15 mm
- Pixel pitch: 0.17 × 0.17 mm
- Display Mode : Passive Matrix
- Duty: 1/64 Duty
- Display Color: Monochrome
- IC: SH1107
- Interface: I2C
- SIZE:0.96 inch

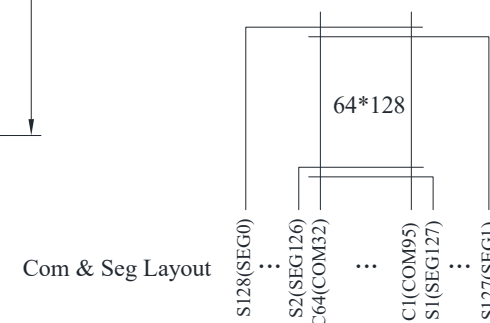
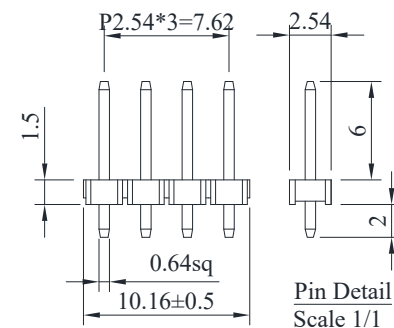
Interface Pin Function

No.	Symbol	Function
1	GND	Ground
2	VCC	Power supply input.
3	SCL	The serial clock input.
4	SDA	The serial data input/output.

Contour Drawing



PIN	SYMBOL
1	GND
2	VCC
3	SCL
4	SDA



The non-specified tolerance of dimension is ± 0.3 mm .

Absolute Maximum Ratings

Parameter	Symbol	Min	Max	Unit
Supply Voltage for Logic	VCC	-0.3	3.6	V
Operating Temperature	TOP	-30	+70	°C
Storage Temperature	TSTG	-30	+70	°C

Electrical Characteristics

DC Electrical Characteristics

Item	Symbol	Condition	Min	Typ	Max	Unit
Supply Voltage for Logic	VCC	—	1.65	3.0	3.3	V
Input High Volt.	VIH	—	$0.8 \times VCC$	—	VCC	V
Input Low Volt.	VIL	—	0	—	$0.2 \times VCC$	V
Output High Volt.	VOH	—	$0.8 \times VCC$	—	VCC	V
Output Low Volt.	VOL	—	0	—	$0.2 \times VCC$	V
50% Checkerboard operating Current	ICC	VCC=3V	—	25	50	mA