

OLED DISPLAY SPECIFICATION



RAYSTAR

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SPECIFICATION

Model No:

REA128128G

General Specification

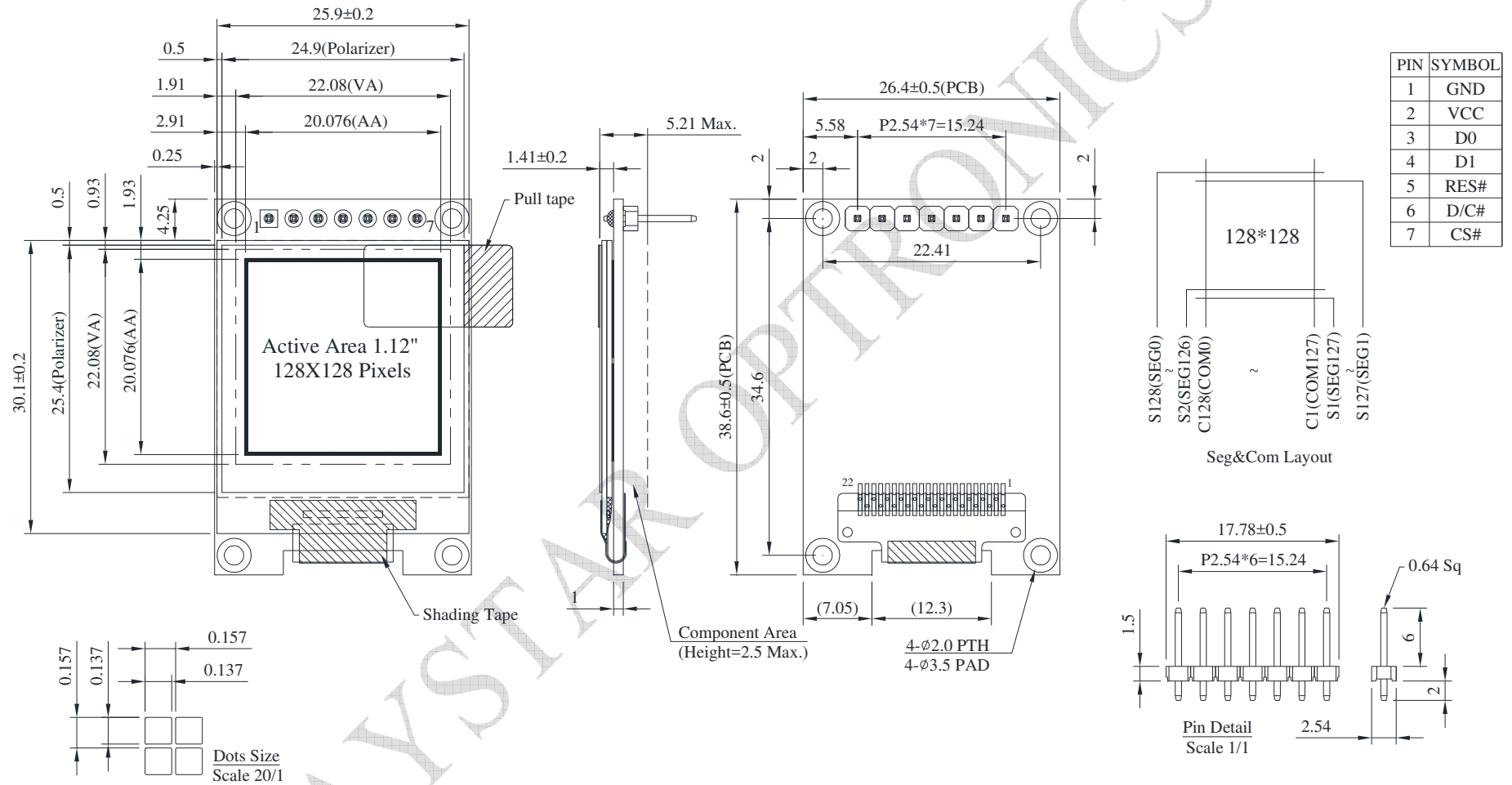
The Features is described as follow:

- Module dimension: 26.4 x 38.6 x 5.21 Max. mm
- Active area: 20.076 × 20.076 mm
- Dot Matrix: 128*128
- Pixel size: 0.137 × 0.137 mm
- Pixel pitch: 0.157 × 0.157 mm
- Display Mode : Passive Matrix
- Duty: 1/128 Duty
- Display Color: Monochrome
- IC: SH1107
- Interface: 4-Wire SPI
- SIZE:1.12 inch

Interface Pin Function

No.	Symbol	Function
1	GND	Ground
2	VCC	Power supply for logic and input.
3	D0	The serial clock input pad.
4	D1	The serial data input pad.
5	RES#	This is a reset signal input pad. When RES is set to "L", the settings are initialized. The reset operation is performed by the RES signal level.
6	D/C#	This is the Data/Command control pad that determines whether the data bits are data or a command.
7	CS#	This pad is the chip select input.

Contour Drawing & Block Diagram



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

Absolute Maximum Ratings

Parameter	Symbol	Min	Max	Unit
Supply Voltage for Logic	VCC	0	7	V
Operating Temperature	TOP	-40	+80	°C
Storage Temperature	TSTG	-40	+85	°C

Electrical Characteristics

DC Electrical Characteristics

Item	Symbol	Condition	Min	Typ	Max	Unit
Supply Voltage for Logic	VCC	—	2.0	3.0	3.3	V
Input High Volt.	VIH	—	0.8×VCC	—	VCC	V
Input Low Volt.	VIL	—	0	—	0.2×VCC	V
Output High Volt.	VOH	—	0.8×VCC	—	VCC	V
Output Low Volt.	VOL	—	0	—	0.2×VCC	V
Display 50% Pixel on	ICC	VCC=3V	—	65	97.5	mA