



SPECIFICATION

OLED SPECIFICATION

Model No:

REA012832F

General Specification

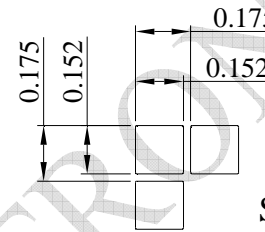
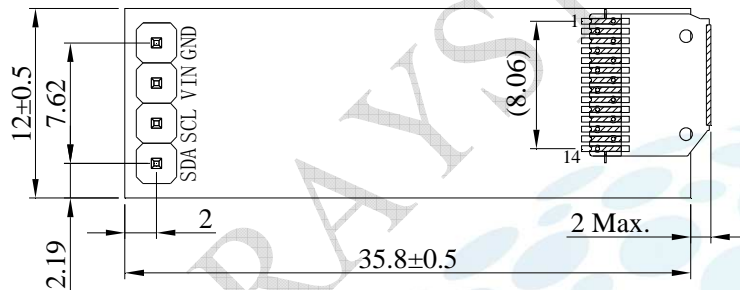
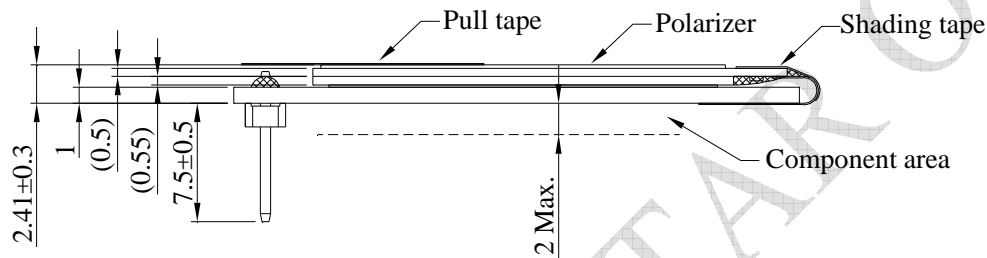
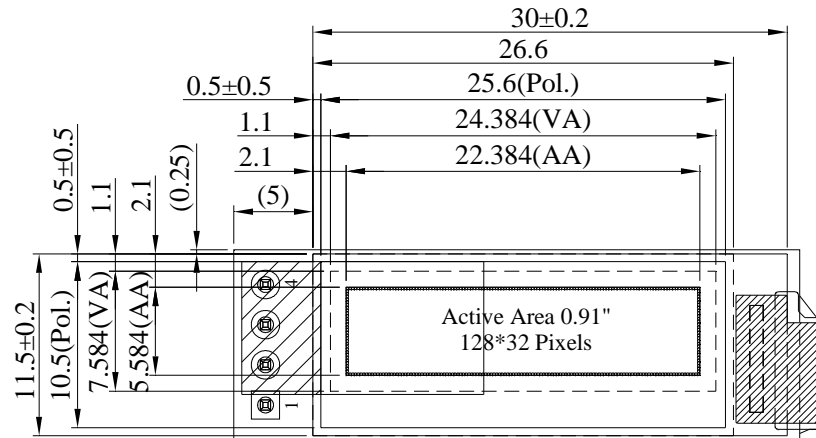
The Features is described as follow:

- Module dimension: 35.8 x 12.0 x 2.41 mm
- Active area: 22.384 x 5.584 mm
- Dot Matrix: 128 x 32
- Dot size: 0.152 x 0.152 mm
- Dot pitch: 0.175 x 0.175 mm
- Display Mode: Passive Matrix
- Duty: 1/32 Duty
- Display Color: Monochrome
- IC: SSD1306
- Interface:I2C
- Size: 0.91 inch

Interface Pin Function

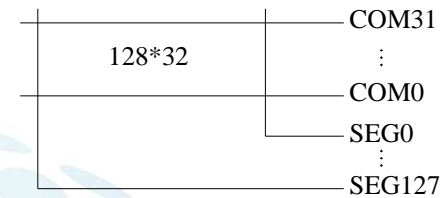
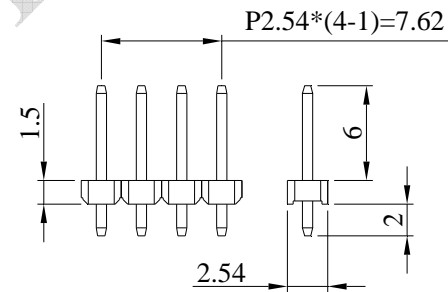
No.	Symbol	Function
1	GND	Ground
2	VIN	Power supply input.
3	SCL	When the I2C interface is selected, then D0 serves as the serial clock input pad (SCL) and D1 serves as the serial data input pad (SDAI).
4	SDA	

Contour Drawing & Block Diagram



Dots Size
Scale 20/1

PIN	SYMBOL
1	GND
2	VIN
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	V _{IN}	0	4.0	V
Operating Temperature	T _{OP}	-40	+80	°C
Storage Temperature	T _{STG}	-40	+85	°C

Electrical Characteristics

DC Electrical Characteristics

Item	Symbol	Condition	Min	Typ	Max	Unit
Supply Voltage for Logic	V _{IN}	—	2.8	3.0	3.3	V
Input High Volt.	V _{IH}	—	0.8×V _{IN}	—	V _{IN}	V
Input Low Volt.	V _{IL}	—	0	—	0.2×V _{IN}	V
Output High Volt.	V _{OH}	—	0.9×V _{IN}	—	V _{IN}	V
Output Low Volt.	V _{OL}	—	0	—	0.1×V _{IN}	V
50% check Board operating Current	I _{IN}	V _{IN} =3V	—	13.0	26.0	mA