



# SPECIFICATION

# OLED SPECIFICATION

Model No:

REA006432A

## General Specification

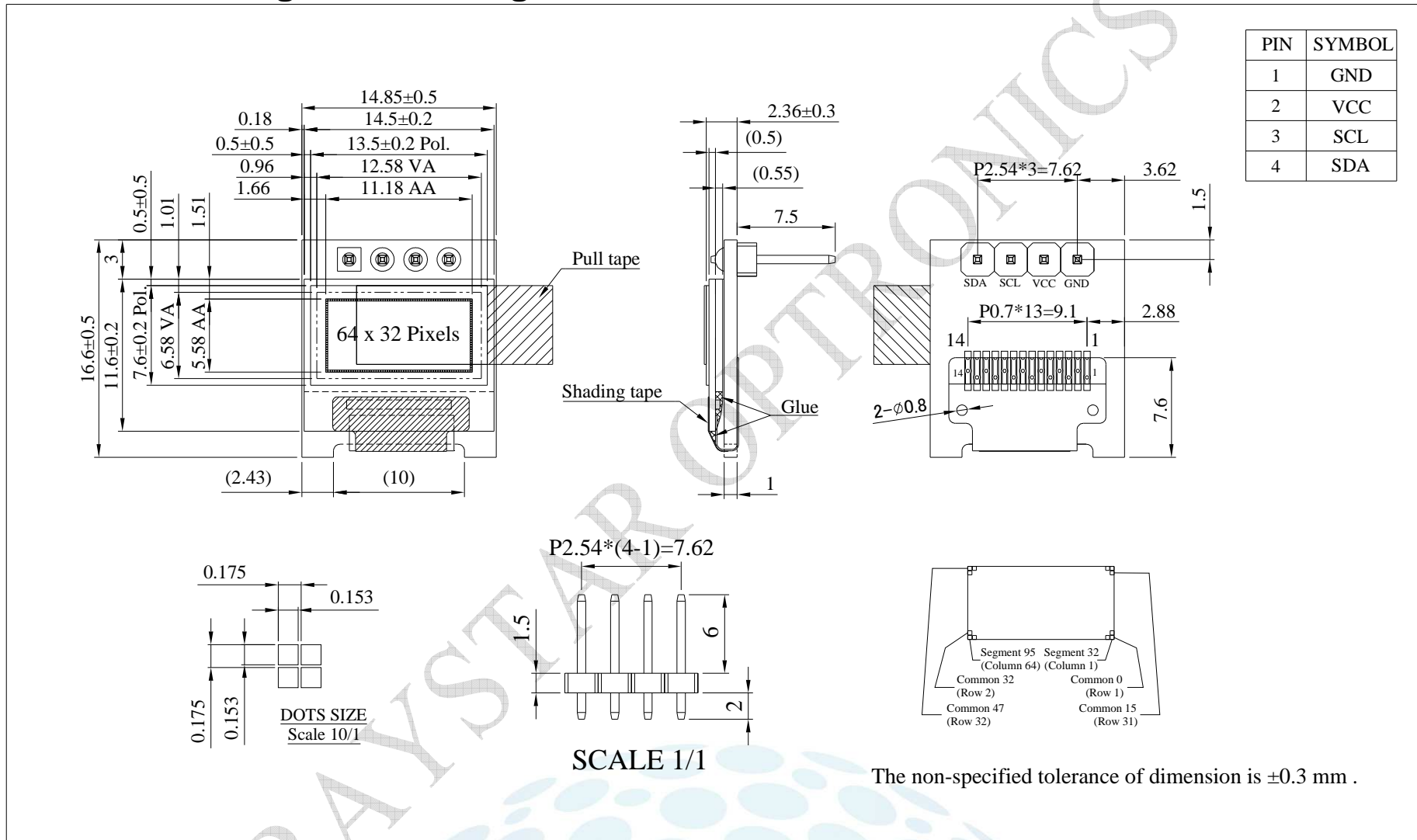
The Features is described as follow:

- Module dimension: 14.85 × 16.6 × 2.36 mm
- Active area: 11.18 × 5.58 mm
- Dot Matrix: 64 × 32
- Pixel Size: 0.153 x 0.153 mm
- Pixel Pitch: 0.175 x 0.175 mm
- Duty: 1/32 Duty
- Display Mode: Passive Matrix
- Display Color: Monochrome
- Interface: I2C
- IC: SSD1306BZ
- SIZE: 0.49 inch

## Interface Pin Function

7	Symbol	Function
1	GND	Ground
2	VCC	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



The non-specified tolerance of dimension is  $\pm 0.3$  mm .



## Absolute Maximum Ratings

Parameter	Symbol	Min	Max	Unit
Supply Voltage for Logic	VCC	0	4.0	V
Supply Voltage for Display	VCC1	0	16.0	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	—	2.8	3.0	3.2	V
Input High Volt.	VIH	—	0.8×VDD	—	VDDIO	V
Input Low Volt.	VIL	—	0	—	0.2×VDD	V
Output High Volt.	VOH	—	0.9×VDD	—	VDDIO	V
Output Low Volt.	VOL	—	0	—	0.1×VDD	V
50% check Board operating Current	ICC	VCC1=7.5V	—	13.0	26.0	mA