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REA012832G SPECIFICATION

General Specification

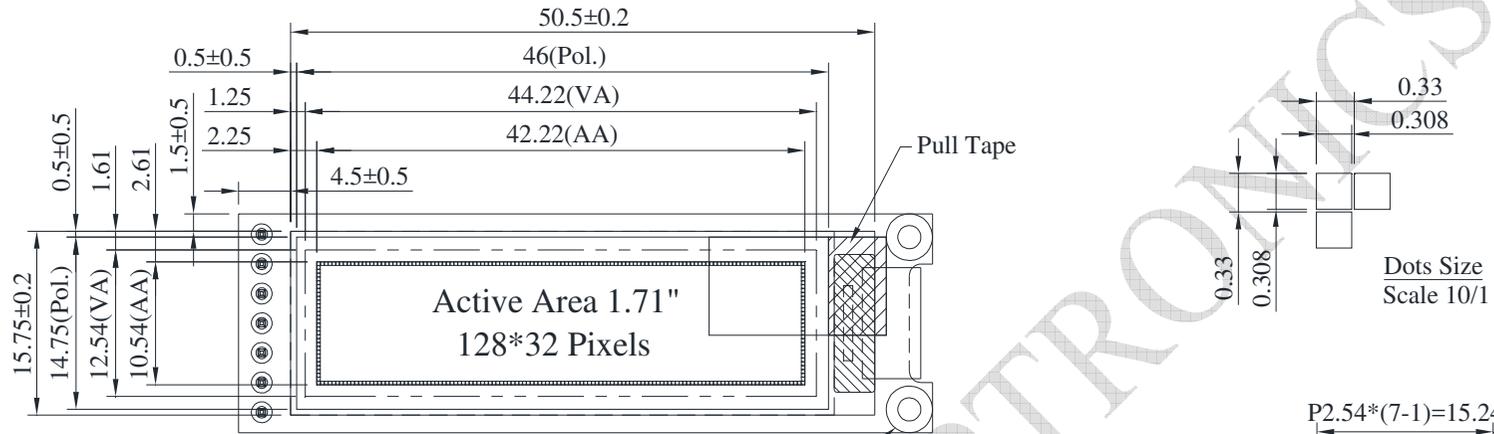
The Features is described as follow:

- Module dimension: 60.0 × 18.75 × 5.96 MAX mm
- Active area: 42.22 × 10.54 mm
- Dot Matrix: 128 × 32
- Dot size: 0.308 × 0.308 mm
- Dot pitch: 0.33 × 0.33 mm
- Display Mode : Passive Matrix
- Duty: 1/32 Duty
- Display Color: Monochrome
- IC: SSD1307
- Interface: 4-SPI
- Size: 1.71 inch

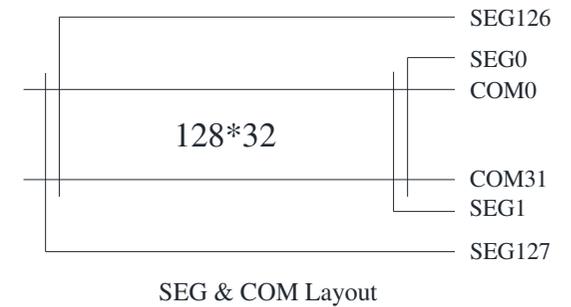
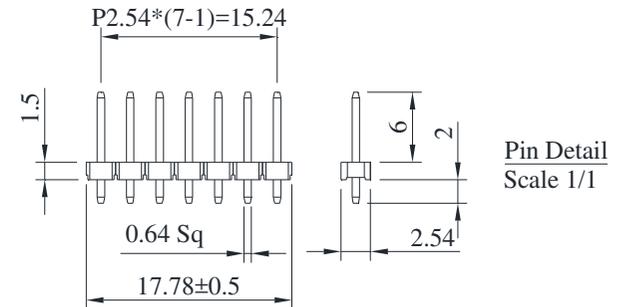
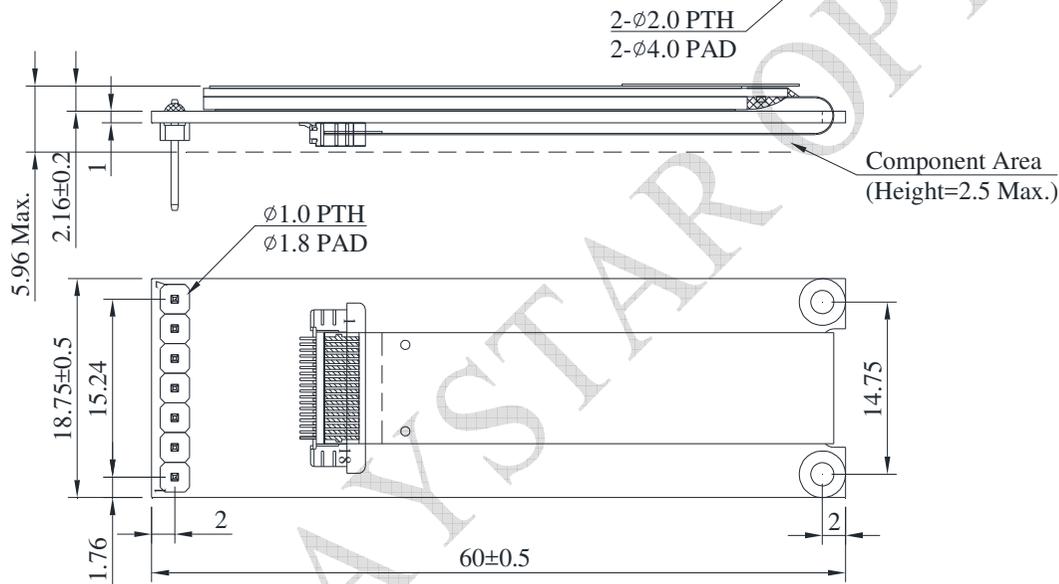
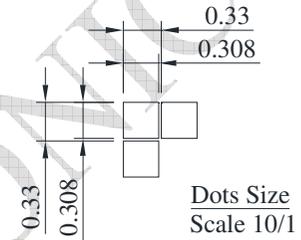
Interface Pin Function

No.	Symbol	Function
1	GND	Ground.
2	VCC	Power supply pin for logic.
3	D0	When the serial interface is selected, then D0 serves as the serial clock input pad (SCL) and D1 serves as the serial data input pad (SI).
4	D1	
5	RES#	This pin is reset signal input. When the pin is pulled LOW, initialization of the chip is executed. Keep this pin HIGH (i.e. connect to VDD) during normal operation.
6	D/C#	This is the Data/Command control pad that determines whether the data bits are data or a command. D/C = "H": the inputs at D0 and D1 are treated as display data. D/C = "L": the inputs at D0 and D1 are transferred to the command registers.
7	CS#	This pin is the chip select input. (active LOW)

Contour Drawing & Block Diagram



PIN	SYMBOL
1	GND
2	VCC
3	D0
4	D1
5	RES#
6	D/C#
7	CS#



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	4.0	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	—	1.8	3.0	3.3	V
High Level Input	VIH	—	0.8×VCC	—	VCC	V
Low Level Input	VIL	—	GND	—	0.2×VCC	V
High Level Output	VOH	—	0.8×VCC	—	VCC	V
Low Level Output	VOL	—	GND	—	0.2×VCC	V
50% Checkerboard operating Current	ICC	VCC =3V	—	40	80	mA