SPECIFICATION Version: E

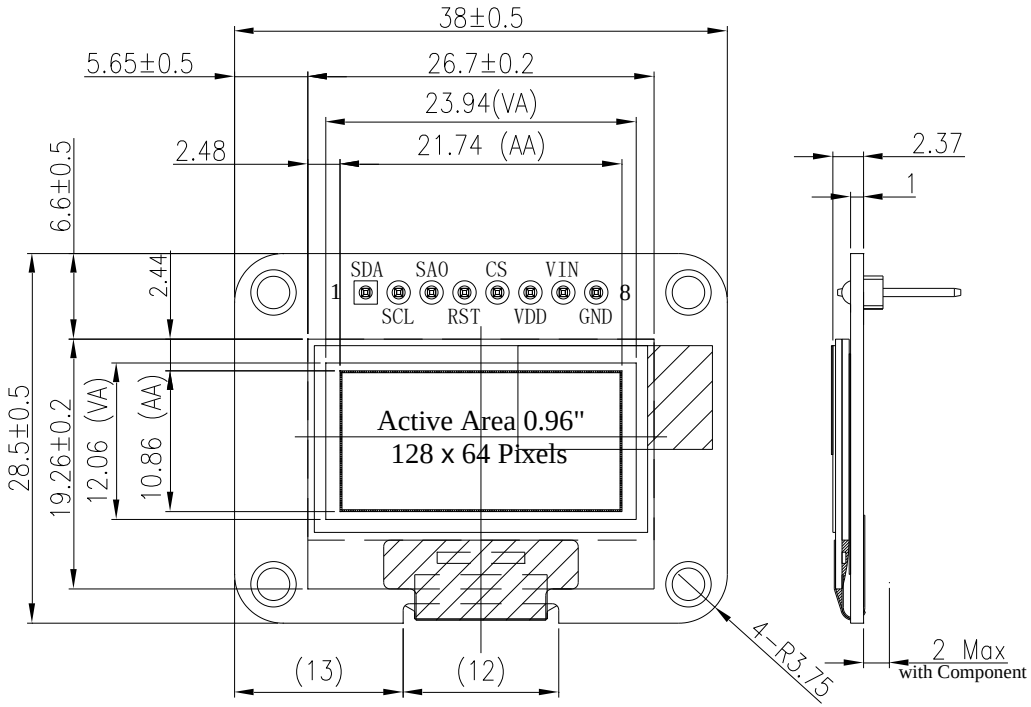
CUSTOMER :

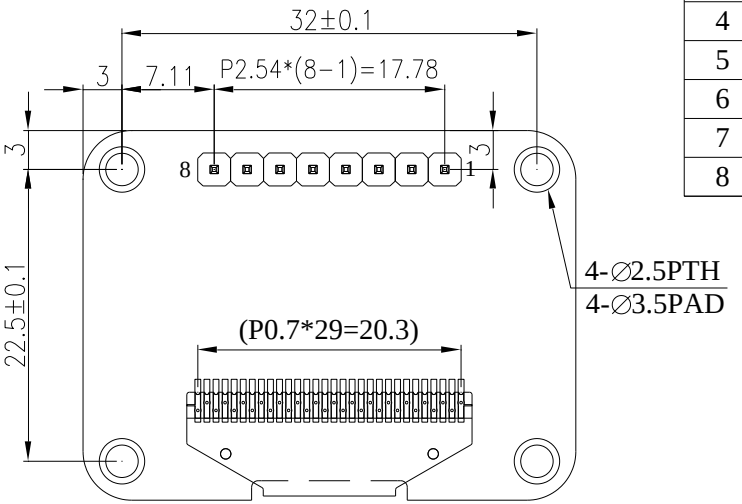
MODULE NO. : WEA12864x#D88-FC

General Specification

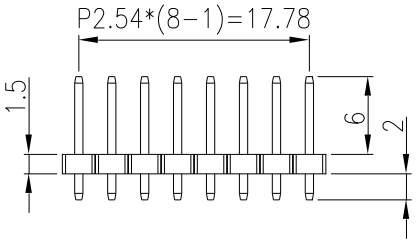
Item	Dimension	Unit
Dot Matrix	128 x 64 Dots	–
Module dimension	38.00 x 28.50 x 2.37	mm
Active Area	21.74 x 10.86	mm
Pixel Size	0.148 x 0.148	mm
Pixel Pitch	0.17 x 0.17	mm
Display Mode	Passive Matrix	
Display Color	Monochrome	
Drive Duty	1/64 Duty	
IC	SSD1306	
Interface	4-wire SPI	
Size	0.96 inch	

Contour Drawing & Block Diagram

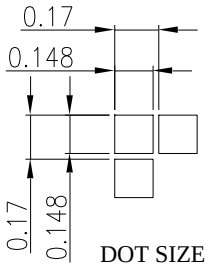




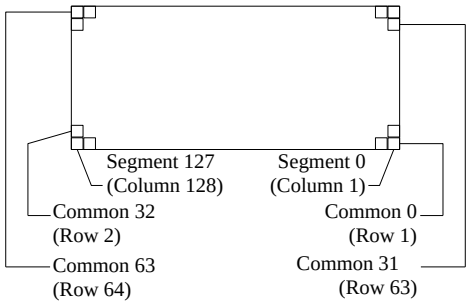
PIN NO.	SYMBOL
1	SDA
2	SCL
3	SA0
4	RST
5	CS
6	VDD
7	VIN
8	GND



SCALE 1/1



DOT SIZE
SCALE 20/1



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

Interface Pin Function

No.	Symbol	Function
1	SDA	When serial interface mode is selected, D0 will be the serial clock input: SCLK; D1 will be the serial data input: SDIN.
2	SCL	
3	SA0	This is Data/Command control pin. When it is pulled HIGH (i.e. connect to VDD), the data at D[7:0] is treated as data. When it is pulled LOW, the data at D[7:0] will be transferred to the command register.
4	RST	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.
5	CS	This pin is the chip select input. (active LOW).
6	VDD	3.0V Power supply pin for core logic operation.
7	VIN	5.0V Power supply pin for core logic operation.
8	GND	This is a ground pin.