SPECIFICATION Version: C

CUSTOMER :	
MODULE NO. :	WEO12864L#J05-FC

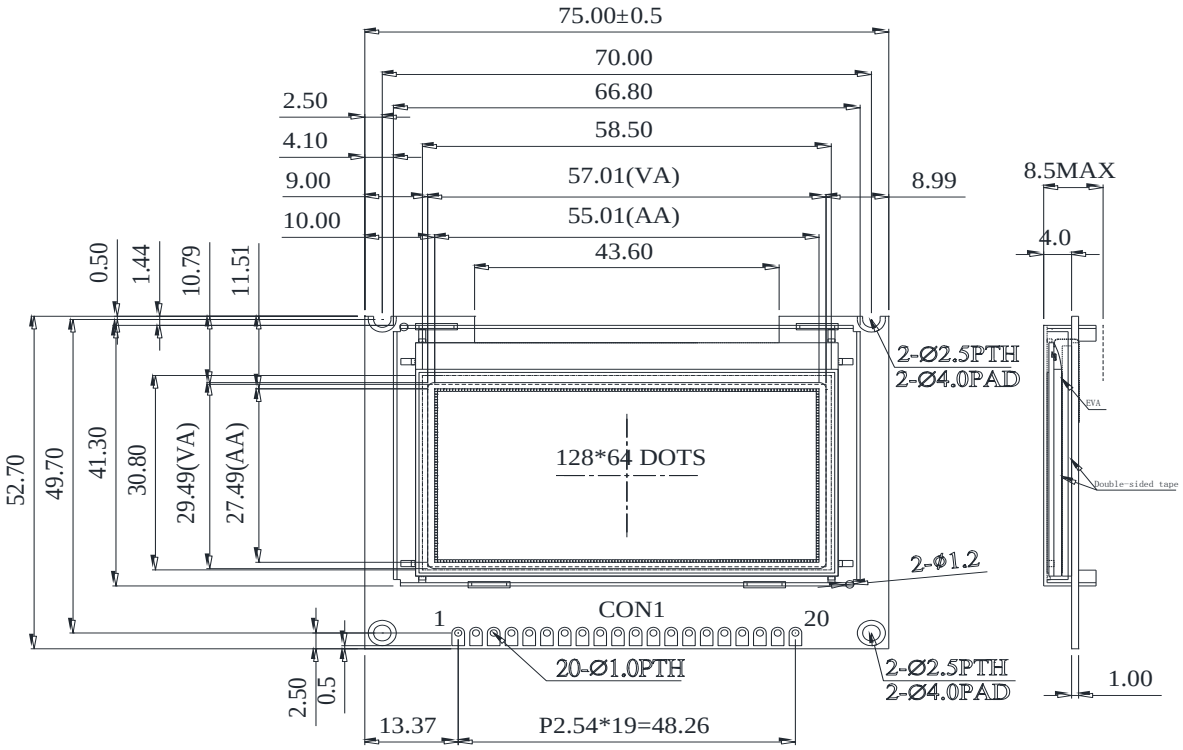
APPROVED BY: **(FOR CUSTOMER USE ONLY)**	

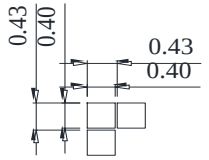
SALES BY	APPROVED BY	CHECKED BY	PREPARED BY
first FC components			
RELEASE DATE:			

2.General Specification

Item	Dimension	Unit
Dot Matrix	128 x 64	—
Module dimension	75.0 × 52.7 × 8.5	mm
Active Area	55.01 × 27.49	mm
Pixel Size	0.40 × 0.40	mm
Pixel Pitch	0.43 × 0.43	mm
Display Mode	Passive Matrix	
Display Color	Monochrome (Yellow)	
Drive Duty	1/64 Duty	

3. Contour Drawing & Block Diagram





Detail DOTS Scale 10:1

CON1	
PIN NO.	SYMBOL
1	VDD
2	VSS
3	NC
4	SCLK
5	SDIN
6	NC
7	NC
8	NC
9	NC
10	NC
11	NC
12	CS#
13	NC
14	RES#
15	NC
16	D/C#
17	NC
18	NC
19	DISP
20	NC

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

4. Interface Pin Function

No.	Symbol	Function
1	VDD	Power supply pin for core logic operation.
2	VSS	Ground.
3	NC	No connection
4	SCLK	Serial clock input
5	SDIN	Serial data input:
6	NC	No connection
7	NC	No connection
8	NC	No connection
9	NC	No connection
10	NC	No connection
11	NC	No connection
12	CS#	Chip select input.
13	NC	No connection
14	RES#	Reset signal input. When it's low, initialization of SSD1305 is executed.
15	NC	No connection
16	D/C#	Data/ Command control. Pull high for write/read display data. Pull low for write command or read status.
17	NC	No connection
18	NC	No connection
19	DISP	Display off
20	NC	No connection

SPI INTERFACE