WINSTAR Display

OLED SPECIFICATION

Model No:

WWOLEDUSBDEMO-160#

Represented by:

FIRST Components s.r.l.
www.first-components.com
technical@first-components.com
+39 0332 1888005

SPECIFICATION Version: 0

CUSTOMER :	
MODULE NO. :	**WWOLEDUSBDEMO-160#**

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

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

■APPROVAL FOR SPECIFICATIONS ONLY

□APPROVAL FOR SPECIFICATIONS AND SAMPLE

MODEL NO：

RECORDS OF REVISION			DOC. FIRST ISSUE
VERSION	DATE	REVISED PAGE NO.	SUMMARY
0	2020/09/07		First release

first FC components

Contents

1.General Specification

2.Contour Drawing & Block Diagram

3.Interface Description

4.Absolute Maximum Ratings

5.Electrical Characteristics

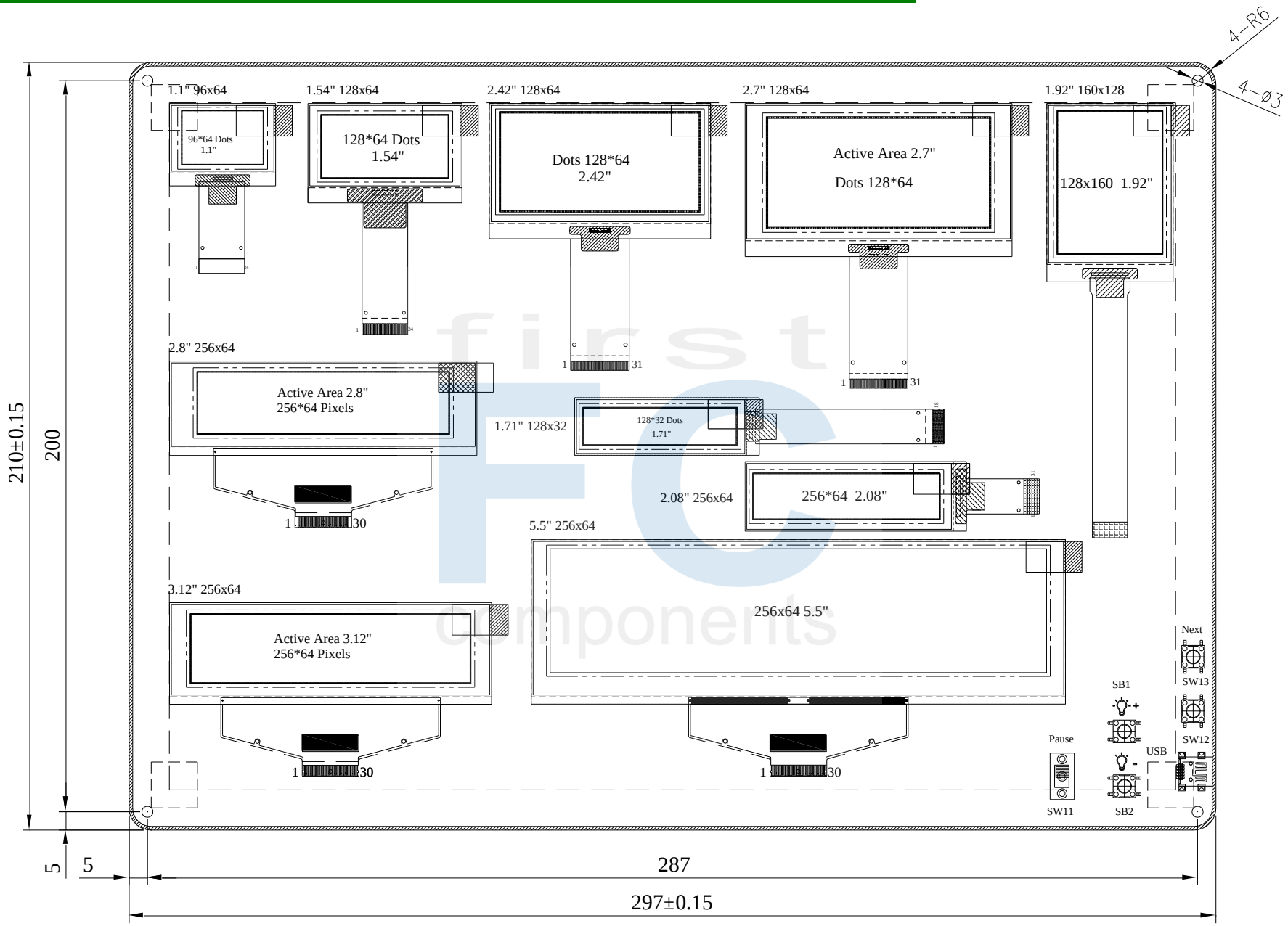
first FC components

1.General Specification

Item	Module	Module dimension(mm)
1.1” 96*64	WEO9664L#B00-FC	29.00×22.50×1.65
1.54” 128*64	WEO12864W#A01-FC	42.04×27.22×1.45
2.42” 128*64	WEO12864W#G00-FC	60.5×37.0×2.15
2.7” 128*64	WEO12864L#K00-FC	73.0×41.86×2.15
1.92” 160*128	WEO160128W#A00-FC	34.5×48.8×1.41
2.8” 256*64	WEX25664W#A00-FC	84.0×25.8×2.15
1.71” 128*32	WEO12832W#G00-FC	50.50×15.75×2.01
2.08” 256*64	WEO25664L#A00-FC	60.5×19.0×1.61
3.12” 256*64	WEX25664L#B00-FC	88.0×27.8×2.05
5.5” 256*64	WEX25664G#D00-FC	146.0×45.0×2.05

first FC components

2. Contour Drawing & Block Diagram



first components

3.Interface Description

3.1. Component explain

Parts Location	Function explanation	Remarks
USB	+5V power supply from adaptor or Notebook/PC	—
SB1	High Brightness	—
SB2	Low Brightness	—
SW11	Loop/Step Mode Function switch	—
SW12	Step Control Function(Switch to the next image)	—
SW13	Reset Function	—

first FC components

4.Absolute Maximum Ratings

Parameter	Symbol	Min	Max	Unit	Notes
USB Supply Voltage	VDD	0	5.5	V	1
Operating Temperature	TOP	-20	+60	°C	—
Storage Temperature	TSTG	-30	+70	°C	—

Note 1: All the above voltages are on the basis of “VSS = 0V”.

first FC components

5.Electrical Characteristics

5.1 DC Electrical Characteristics

ITEM	SYMBOL	CONDITION	MIN.	TYPICAL	MAX.	UNIT
USB Supply voltage	VDD-VSS	—	4.7	5	5.3	V
VDD Supply Current	IDD	—	2	—	3	A

5.2. Module Dimensions Characteristics

NO	ITEM	Remark
1.	DEMO BOARD PCB + OLED Module	297*210 (mm)

first FC components