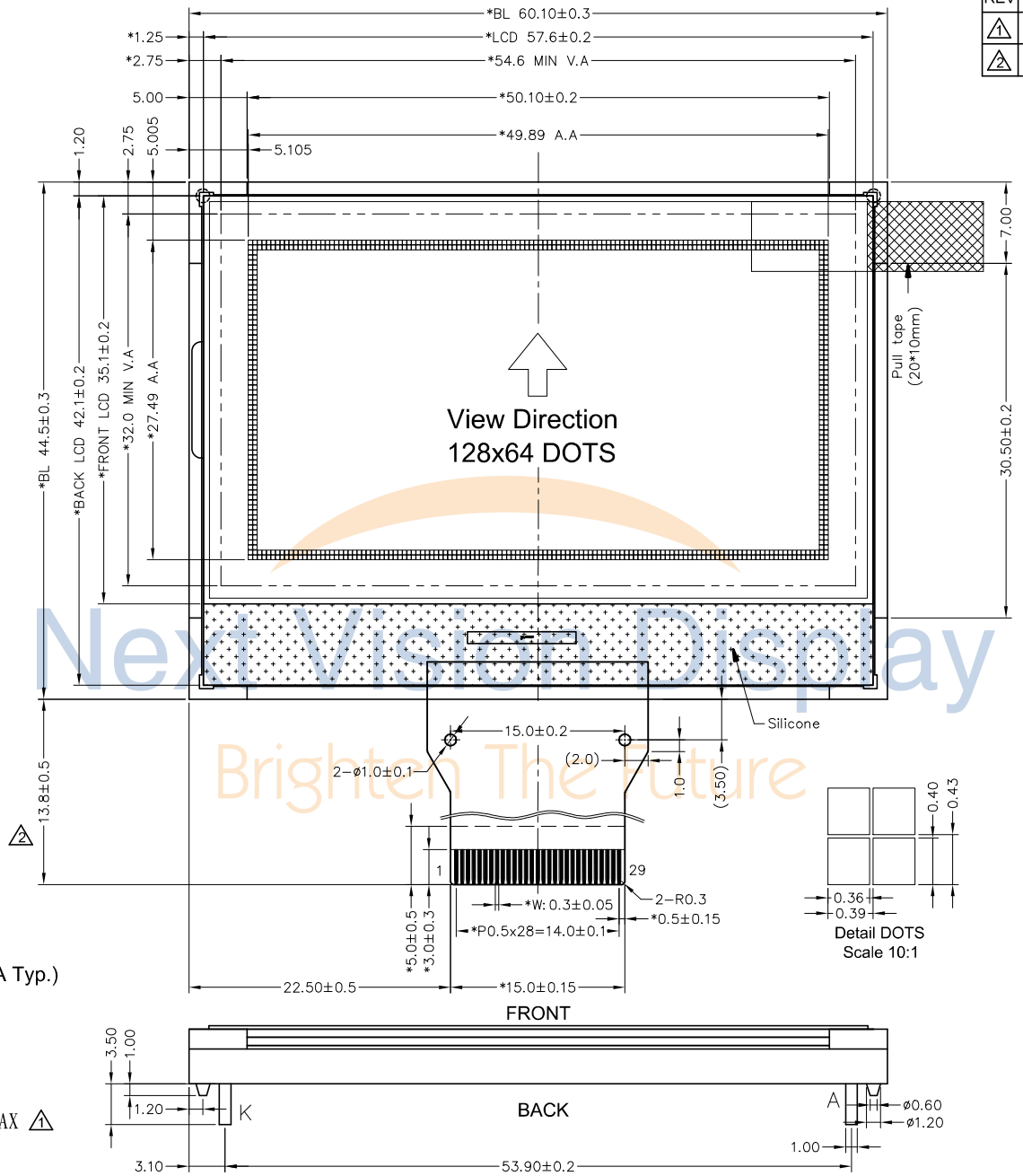
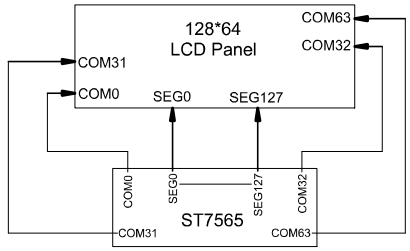
REV	REVISION RECORD	DATE
1	A-B: Change the FPC width and add the pin interface etc.	2019.08.14
2	B-C: Change the FPC Lenght 30 to 13.8mm.	2019.12.04

PIN Assignment:

1	P/S
2	C86
3	VR
4	V0
5	V1
6	V2
7	V3
8	V4
9	CAP2N
10	CAP2P
11	CAP1P
12	CAP1N
13	CAP3P
14	VOUT
15	VSS
16	VDD
17	DB7(SI)
18	DB6(SCL)
19	DB5
20	DB4
21	DB3
22	DB2
23	DB1
24	DB0
25	/RD(E)
26	WR(R/W)
27	A0
28	RES
29	/CS1





LCD Layout

NOTES:
1.Display type: FSTN
2.View direction: 6 o'clock
3.Polarizer type: Transflective / Positive
4.Driver method: 1/ 65 Duty 1/9 Bias
5.Logic Voltage Power Supply:3.0V (Idd=2mA Typ.)
6.LCD driving voltage(Vop): 9.5V
7.Operating Temp: -20°C~+70°C
8.Storage Temp: -30°C~+80°C
9.Connector type: COG+FPC+BL
10.Backlight type:
3CHIPS White LED VfW=3.3V, If=45mA MAX 1
WITHOUT LCD Luminance=650cd/m² 1
11.Driver IC: ST7565P-G
12.Unspecified tolerance: ±0.2mm
13.RoHS Compliant
14.Mark "( )" are reference dimension

Next Vision Display
Brighten The Future

TOLERANCE	UNIT	MODEL NAME
±0.2	mm	NG12864GN001SG
VERSION	SCALE	NO.	TITLE
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C	FIT	1/1	OUTLINE

DATE	APPROVED	CHECKED	DRAWN
2019.12.04			Aiwa