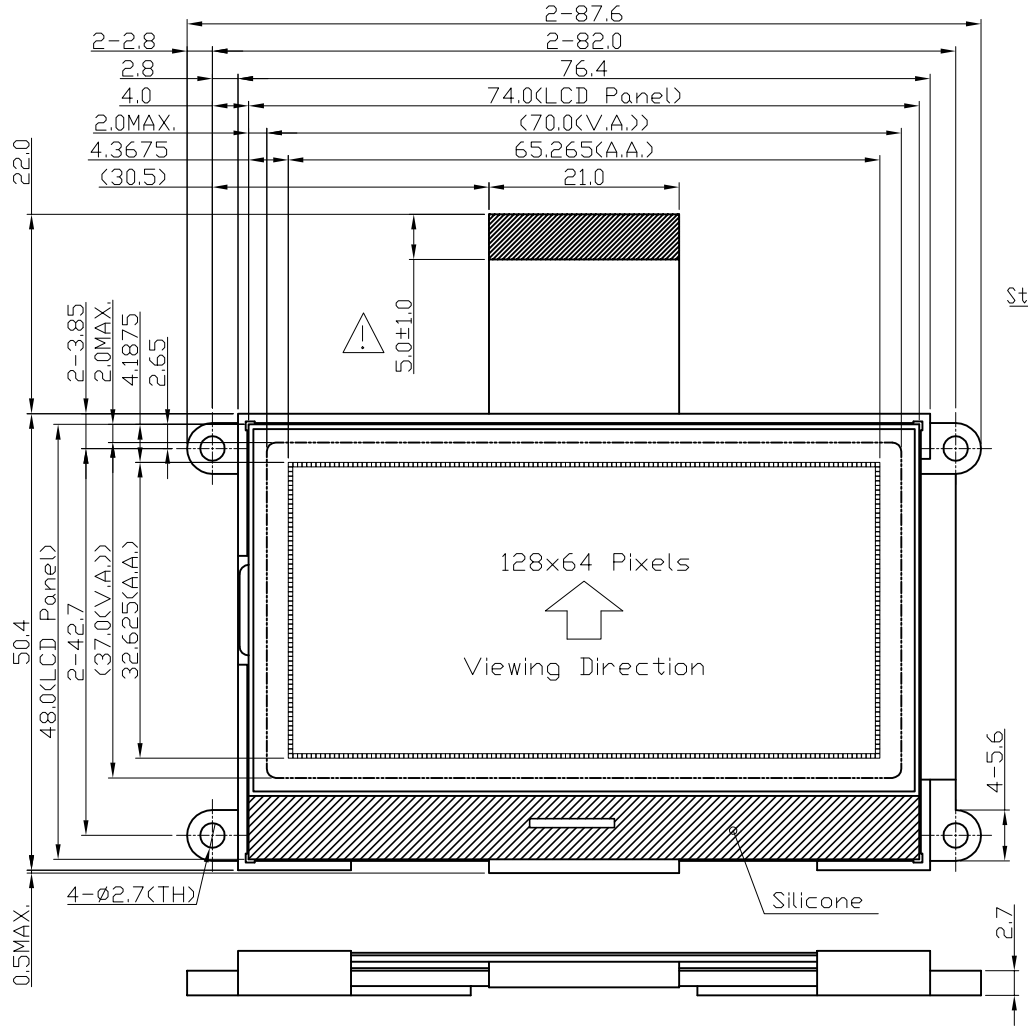
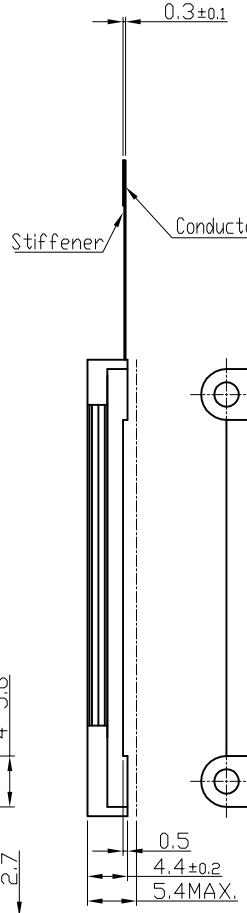
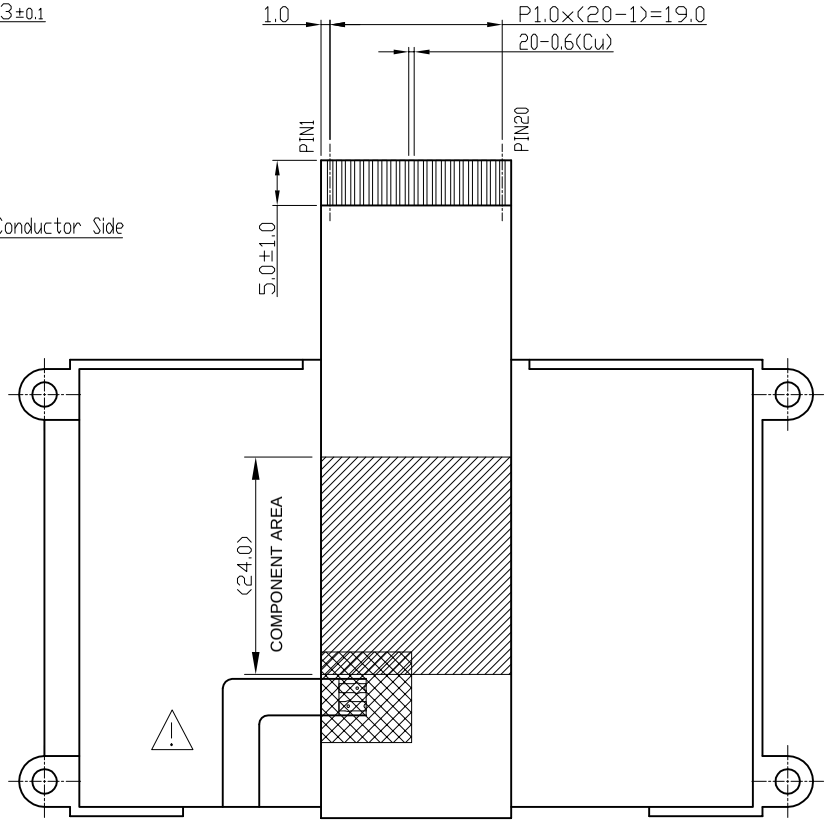
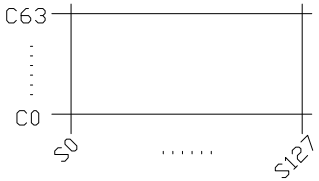




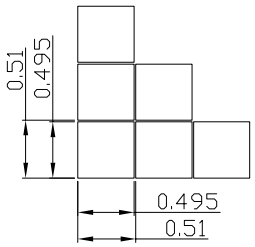




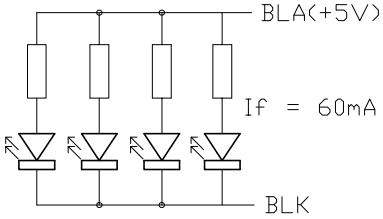
Panel Wiring Details
Scale=free

Terminal No.	Pin Name
1	VSS
2	VDD
3	NC
4	/RES
5	/CS1
6	RS
7	/WR(R/W)
8	/RD(E)
9	DB0
10	DB1
11	DB2
12	DB3
13	DB4
14	DB5
15	DB6(SCL)
16	DB7(SI)
17	C86
18	P/S
19	BLA
20	BLK

Note:
*1. LCD Display Type : FSTN, Positive, Transflective(UV)
*2. Viewing Direction : 6H
*3. Duty : 1/64; Bias : 1/9
*4. Operating Voltage : 3.3V ,Vop : 10.3V
*5. Operating Temperature : -20°C~70°C
*6. Storage Temperature : -30°C~80°C
*7. Cortrol/Drive IC : ST7565R
*8. Backlight : White LED(5.0V)



Pixels Details
Scale=15/1



Backlight Circuit
Scale=free

HOT DISPLAY

Dwg Title	HTG12864-53B-31W-20C10 -V01		
EDC No.			Date 2022-11-18
Scale 1:1	Unit mm	Tol. ±0.5	
Drawn	Checked	Approved	