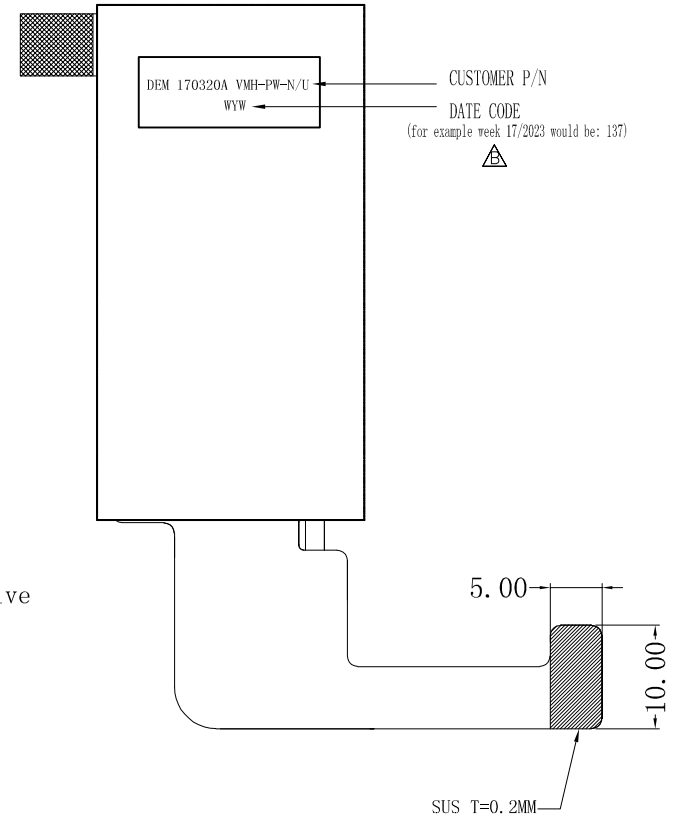
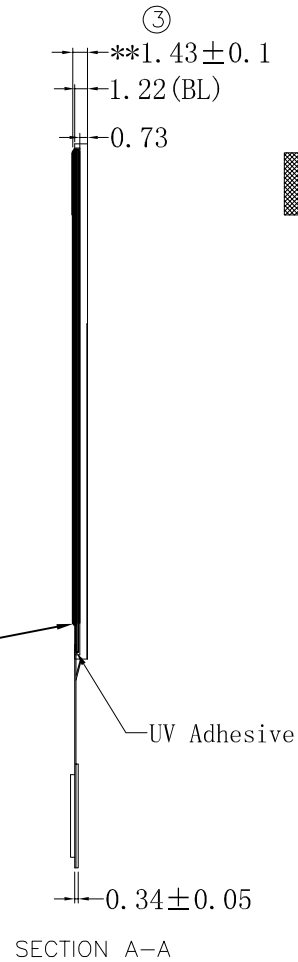
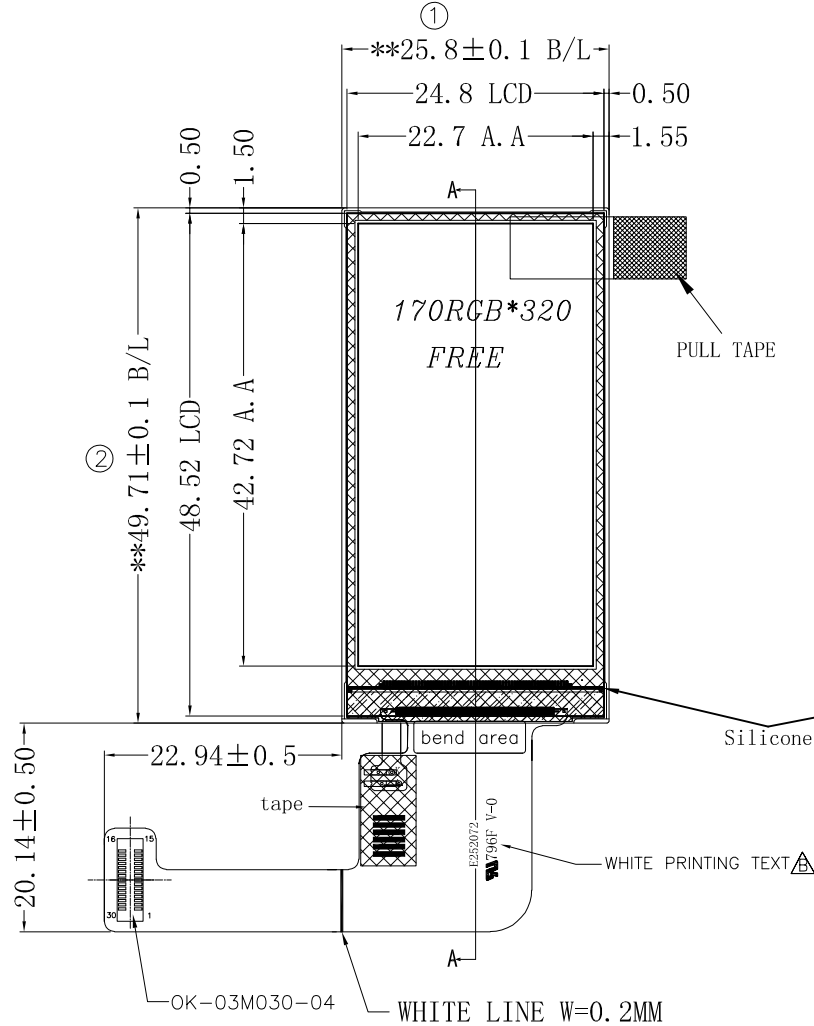
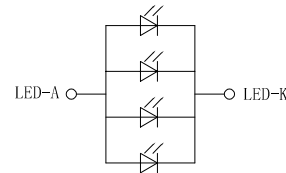


Counter-drawing revision date 图纸版本日期	2023-06-15	
Module type 模块类型	COG+FPC+BLU+PULL TAPE	
Display type 显示类型	TFT/TRANSMISSIVE	
Module dimension (WxHxT), mm 模块尺寸	25.8*49.71*1.43mm	
Number of dots 点阵个数	170 x R.G.B. x 320 DOTS	
Dot size (WxH), mm 点阵尺寸	0.134x0.134	
Display area (WxH), mm 显示区	22.7*42.72	
Viewing angle 视角	FREE	
Front polarizer type 表偏光片类型	Transmissive normal	
Back polarizer type 底偏光片类型	Transmissive normal	
Driver IC P/N 驱动 IC 型号	ST7789T3-G4-1	
Interface connector type 界面连接类型	FPC	
Operating temperature 工作温度	-20 °C ~	70 °C
Storage temperature 存储温度	-30 °C ~	80 °C

NO.	Pin Define
1	NC
2	NC
3	NC
4	NC
5	NC
6	GND
7	IM2
8	IM1
9	RESET
10	CS
11	GND
12	DC(SPI-scl)
13	WR(SPI-RS)
14	RD
15	SDA
16	SDO
17	GND
18	DB7
19	DB6
20	DB5
21	DB4
22	DB3
23	DB2
24	DB1
25	DB0
26	GND
27	VCC(2.8V)
28	IOVCC(2.8V)
29	LEDA
30	LEDK



CIRCUIT DIAGRAM



FORWARD VOLTAGE:  $V_F = 3.1V$ (typ)

FORWARD CURRENT:  $I_F = 60mA$

LCM LUMINANCE:  $280cd/m^2$  (min)  $\sim 350cd/m^2$  (typ)

NOTE:  
1. "◇"SPECIAL DIMENSION(PPK/CPK DATA NEEDED>1.67)  
2. "\*\*\*"CONTROL DIMENSION  
3. No Use of Prohibited Substances defined in SOP-E-QS-009 and Only purchase Designated Raw Materials from Green Partners.  
4. DRIVER IC : ST7789T3-G4-1;