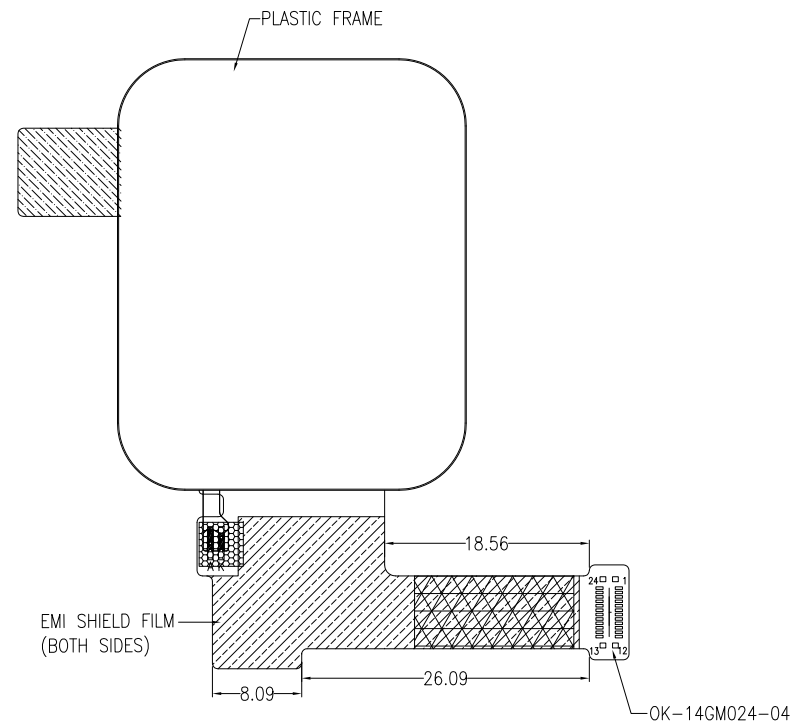
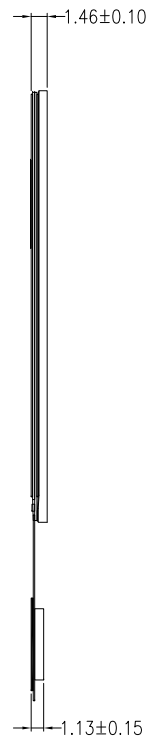
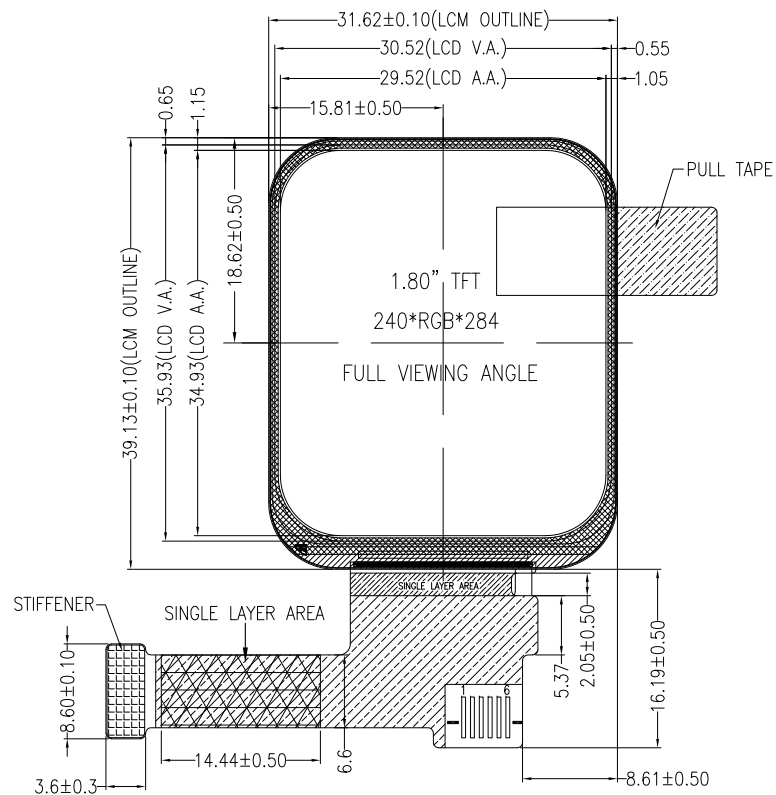


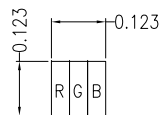
FOR ANY TOUCH PANEL OR OTHER ACCESSORIES ASSEMBLED WITH FRAME GLUE, A PERMANENT AND RELIABLE MECHANICAL STRUCTURE NEEDS TO BE DESIGNED ON CUSTOMER'S WHOLE MACHINE TO HOLD THEM IN PLACE TO AVOID LOOSE.



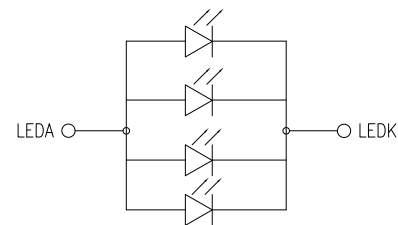
PIN DESCRIPTION	
PIN	SYMBOL
1	DB7
2	DB6
3	DB5
4	DB4
5	DB3
6	DB2
7	DB1
8	DB0
9	RESET
10	WR
11	RS/DC
12	CS
13	GND
14	TE
15	VCC
16	LEDK
17	LEDA
18	GND
19	NC(TP_SCL)
20	NC(TP_SDA)
21	NC(TP_RESET)
22	NC(TP_INT)
23	NC(TP_VDD)
24	NC(TP_GND)

NOTES:

1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY BLACK
2. OPERATING VOLTAGE: VCC=2.8V (TYP.)
3. VIEWING DIRECTION: FULL VIEWING ANGLE
4. DRIVER IC: ST7789P3
5. OPERATING TEMP.: -20°C ~ 70°C
6. STORAGE TEMP.: -30°C ~ 80°C
7. LED BACKLIGHT: WHITE LED, IF=80mA, VF=2.9V~3.1V
8. SURFACE LUMINANCE: 900CD/M² (TYP.)
9. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE
10. ONLY THE SINGLE LAYER AREA ON FPC IS BENDABLE AND THE MINIMUM BEND RADIUS IS 1.5MM
11. UNMARKED TOLERANCE: ±0.2MM
12. ROHS COMPLIANT



PIXEL DETAIL
(SCALE 40:1)



BACKLIGHT CIRCUIT DIAGRAM

DRAWN BY:		CAROL		2024.04.06		SCALE : 1/1		MODULE P/N:	
CHECKED BY:						UNIT: mm		DESCRIPTION:	
VER.		REVISED DESCRIPTION		REVISOR		DATE		VERSION NO:	
01		FIRST ISSUE		CAROL		2024.04.06		01	
						SHEET NO.: 1/1		TFT MODULE	