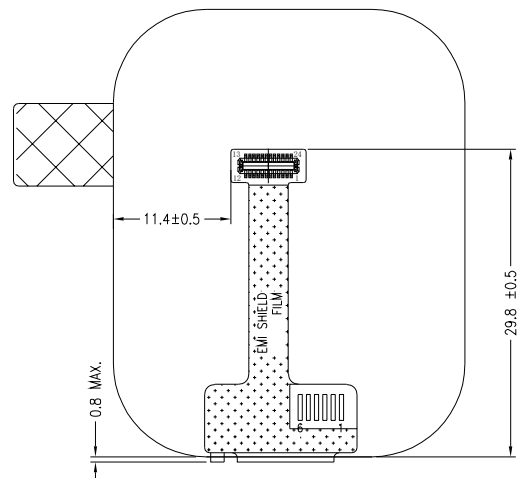
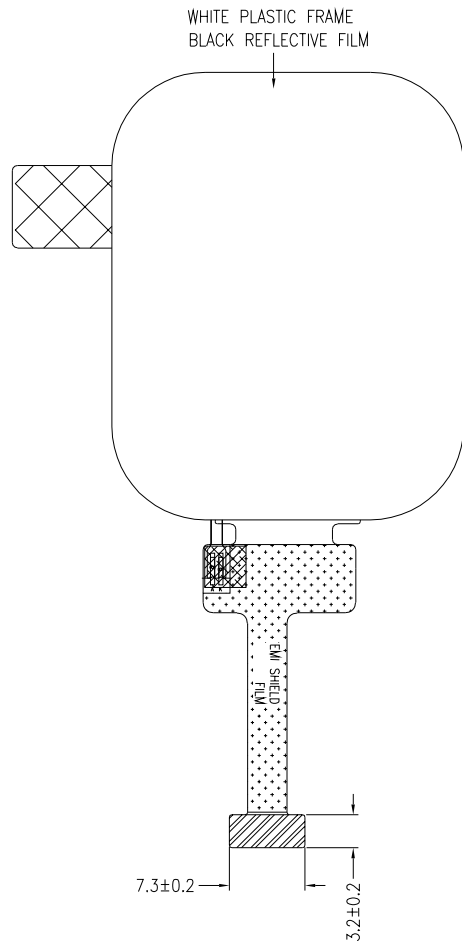
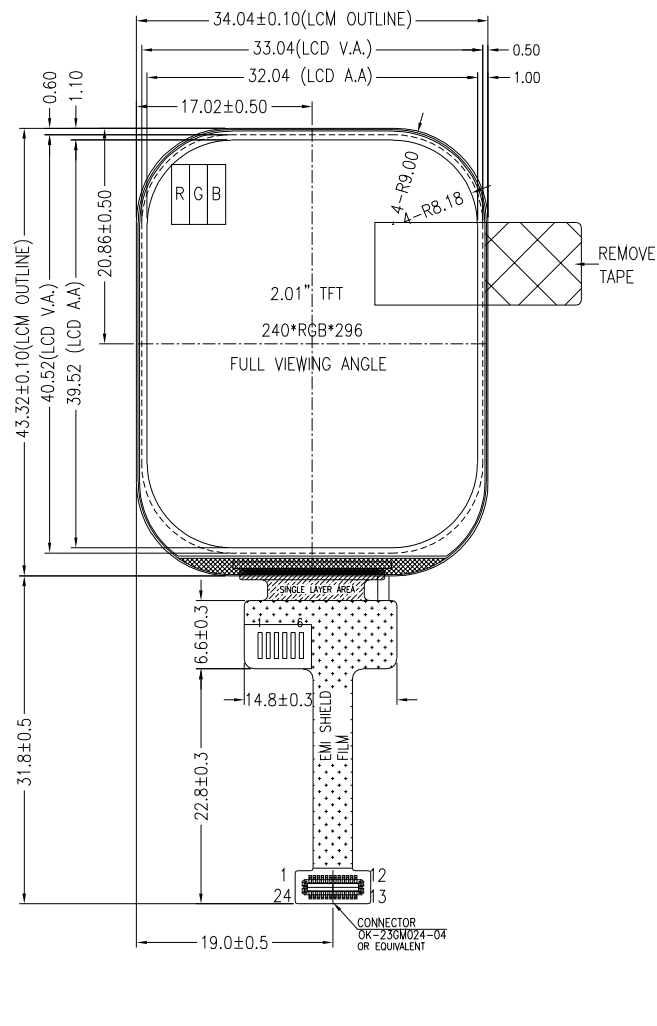
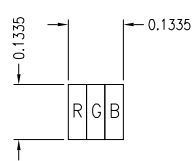


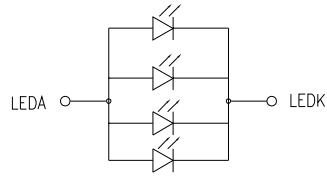
NO MECHANICAL HOUSING TO HOLD THE TFT AND THE BACKLIGHT UNIT ON THIS PRODUCT, SO THE END UNIT'S MECHANICAL DESIGN MUST INCLUDE A HOUSING FOR PREVENTING THE SEPARATION OF THE TFT AND THE BACKLIGHT UNIT.



FPC BENDING DIAGRAM FOR REFERENCE



PIXEL DETAIL (SCALE: 40:1)



BACKLIGHT CIRCUIT DIAGRAM

PIN ASSIGNMENT FOR LCM	
PIN	SYMBOL
1	D7
2	D6
3	D5
4	D4
5	D3
6	D2
7	LEDK
8	LEDA
9	GND
10	RS
11	TE
12	RST
13	VDD
14	WR
15	CS
16	GND
17	VDD
18	NC(TP_RST)
19	NC(TP_VDD)
20	NC(TP_INT)
21	NC(TP_SDA)
22	NC(TP_SCL)
23	D0
24	D1

- NOTES:
1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY BLACK
 2. OPERATING VOLTAGE: VDD=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=2.7V~3.1V
 8. SURFACE LUMINANCE: 650CD/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. GENERAL TOLERANCE: ±0.2MM
 12. ROHS COMPLIANT

MULTI-INNO TECHNOLOGY CO., LTD.					
DRAWN BY:	RITA	20240522		MODULE P/N:	
CHECKED BY:			SCALE : 1/1	MI0201AT-1	
APPROVED BY:			UNIT: mm	DESCRIPTION:	
VERSION NO:	01		SHEET NO.: 1/1	TFT MODULE	

01	FIRST ISSUE	RITA	2024.05.22
VER.	REVISED DESCRIPTION	REVISER	DATE