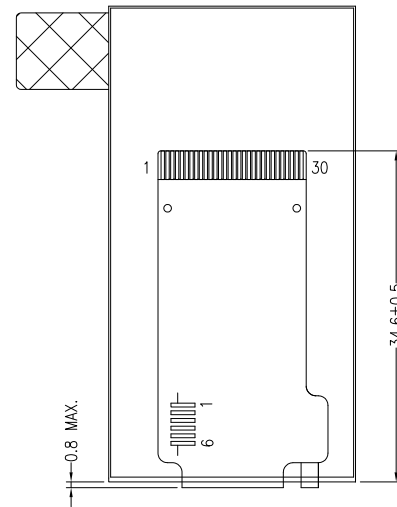
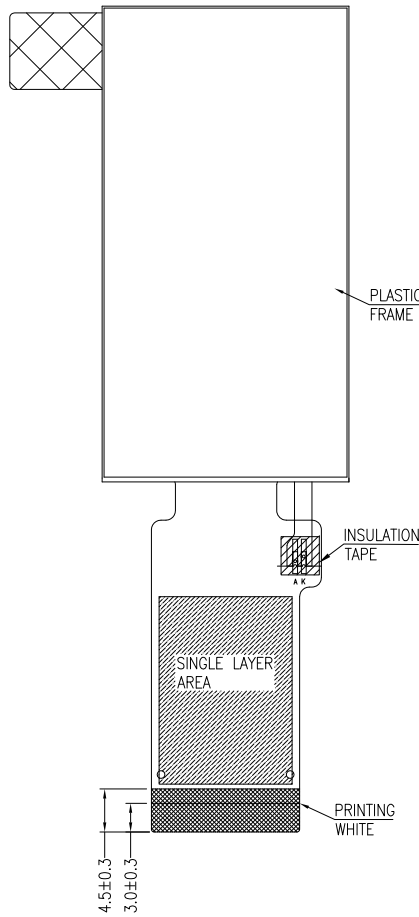
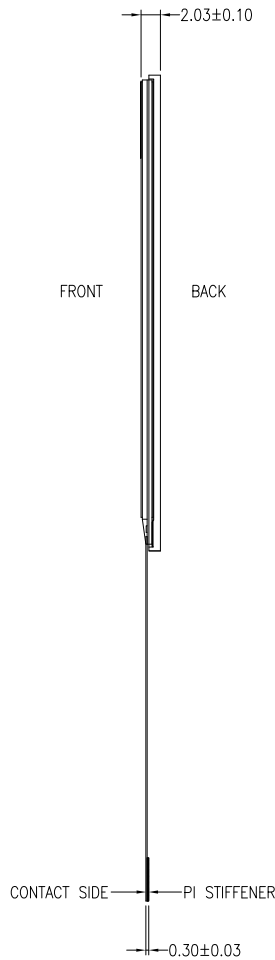
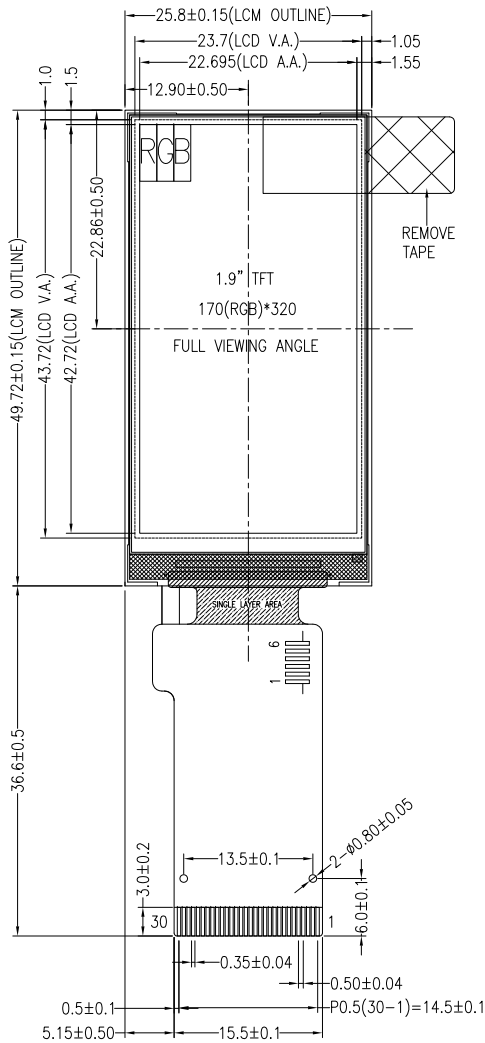
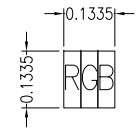


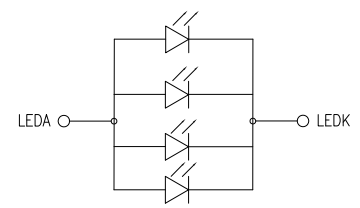
NO MECHANICAL HOUSING TO HOLD THE TFT AND THE BACKLIGHT UNIT ON THIS PRODUCT, SO THE END UNIT'S MECHANICAL DESIGN MUST INCLUDE A HOUSING FOR PREVENTING THE SEPARATION OF THE TFT AND THE BACKLIGHT UNIT.



FPC BENDING DIAGRAM FOR REFERENCE



PIXEL DETAIL
(SCALE 40:1)



BACKLIGHT CIRCUIT DIAGRAM

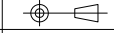
PIN ASSIGNMENT FOR LCM	
PIN	SYMBOL
1	GND
2	VCC
3	IM2
4	IM1
5	RESET
6	CS
7	DC
8	WR
9	RD
10	SDA
11	DB0
12	DB1
13	DB2
14	DB3
15	DB4
16	DB5
17	DB6
18	DB7
19	NC
20	LEDA
21	LEDK
22	LEDK
23	LEDK
24	LEDK
25	GND
26	NC(TP-RST)
27	NC(TP-SCL)
28	NC(TP-SDA)
29	NC(TP-INT)
30	GND

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=2.9V~3.1V
8. SURFACE LUMINANCE: 500CD/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

01	FIRST ISSUE	RITA	2023.07.20	APPROVED BY:	01	UNIT: mm	SHEET NO.: 1/1	DESCRIPTION: TFT MODULE
VER.	REVISED DESCRIPTION	REVISER	DATE	VERSION NO:	01	SCALE : 1/1		

MULTI-INNO TECHNOLOGY CO., LTD.

DRAWN BY:	RITA	20230720		MODULE P/N:
CHECKED BY:			SCALE : 1/1	MI0190CT-1
APPROVED BY:			UNIT: mm	DESCRIPTION:
VERSION NO:	01		SHEET NO.: 1/1	TFT MODULE