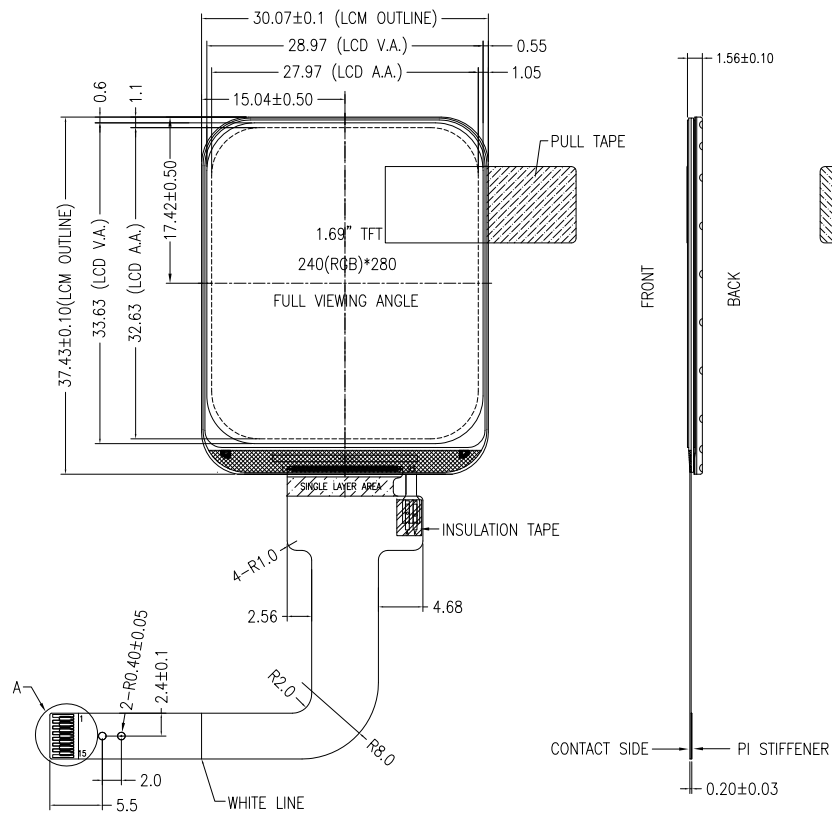
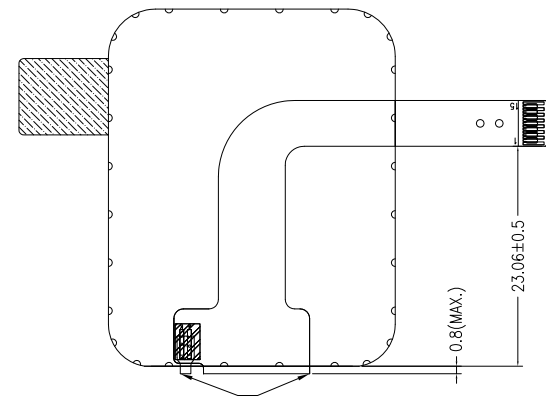
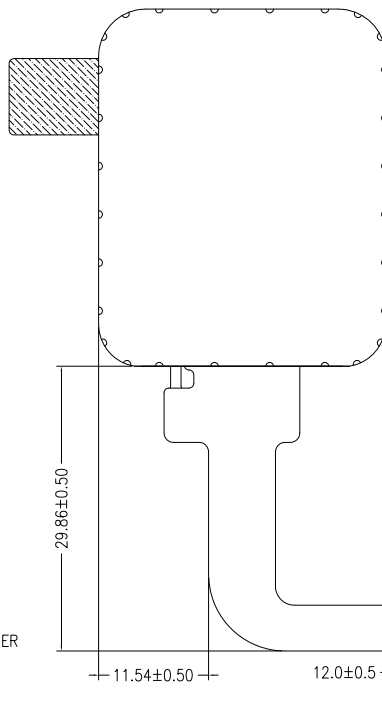




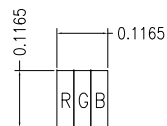
PLASTIC-METAL INTEGRATION
METAL FRAME: SS



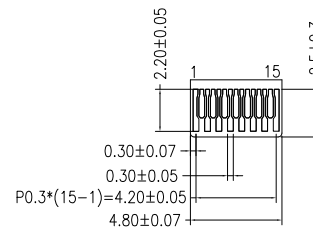
BENDING DIAGRAM FOR REFERENCE

NOTES:

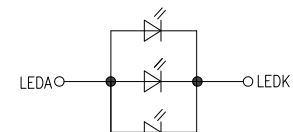
1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY BLACK
2. OPERATING VOLTAGE: VDD=2.8V, VDDIO=1.8V/2.8V (TYP.)
3. VIEWING DIRECTION: FULL VIEWING ANGLE
4. DRIVER IC: ST7789P3
5. OPERATING TEMP.: -20°C ~ 70°C
6. STORAGE TEMP.: -30°C ~ 80°C
7. LED BACKLIGHT: 3-CHIP WHITE LED, If=20*3mA, Vf=2.8V~3.2V
8. SURFACE 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



PIXEL DETAIL
(SCALE 40:1)



DETAIL A
(SCALE 2:1)



BACKLIGHT CIRCUIT DIAGRAM

PIN ASSIGNMENT	
PIN	SYMBOL
1	LEDK
2	LEDK
3	GND
4	GND
5	LPTE(TE)
6	LSDA(SDA)
7	LSAO(DC)
8	LSCK(SCL)
9	LSCE_B(CS)
10	LSRSTB(RES)
11	VDDIO
12	VDD
13	VDD
14	LEDA
15	LEDA



MULTI-INNO TECHNOLOGY CO.,LTD.

DRAWN BY:	Kim	2024.10.11		MODULE P/N:
CHECKED BY:			SCALE : 1/1	MI0169AT-1
APPROVED BY:			UNIT: mm	DESCRIPTION:
VERSION NO:	01		SHEET NO.: 1/1	TFT MODULE

01	FIRST ISSUE	Kim	2024.10.11
VER.	REVISED DESCRIPTION	REVISER	DATE