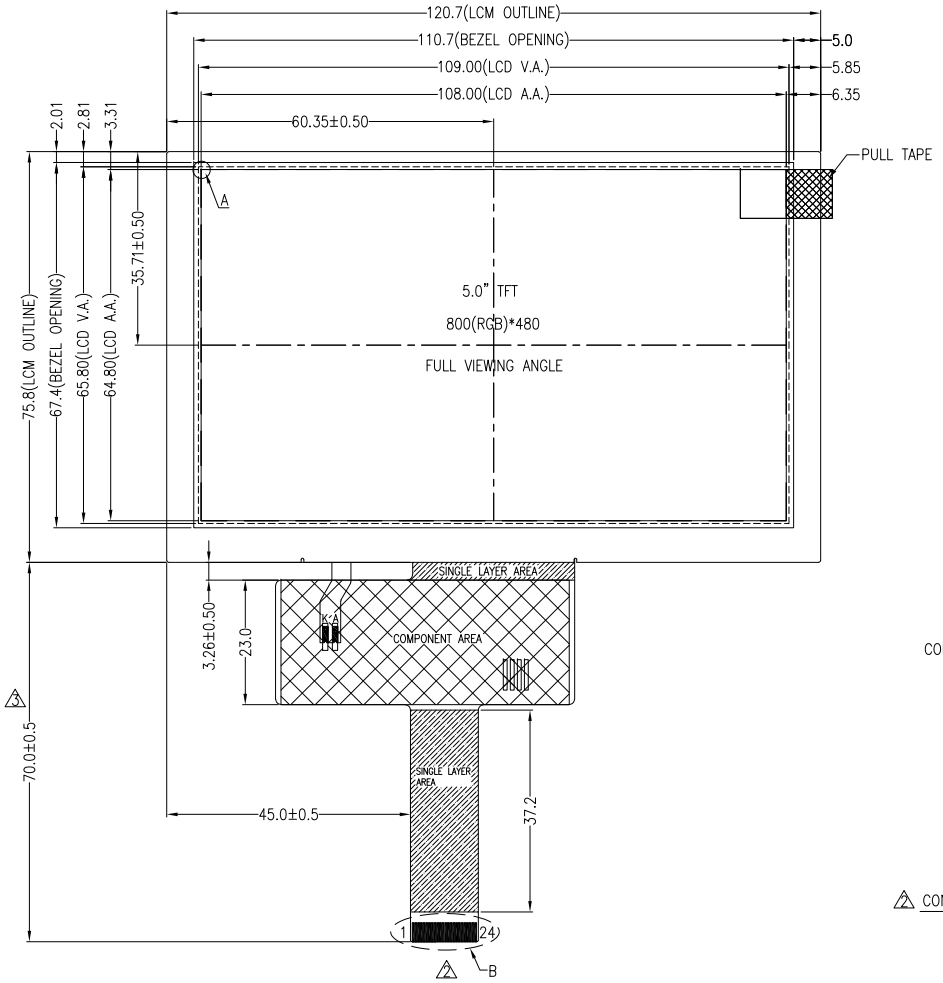
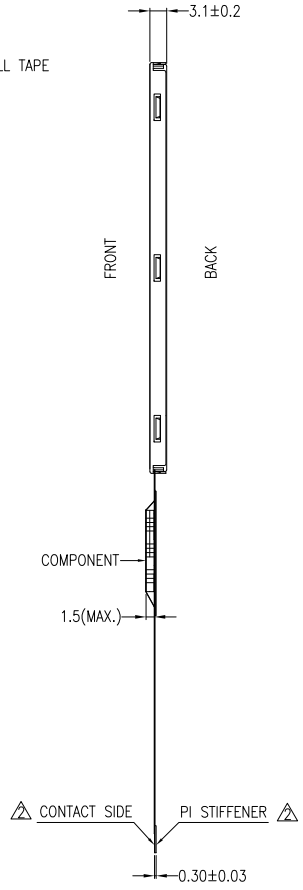
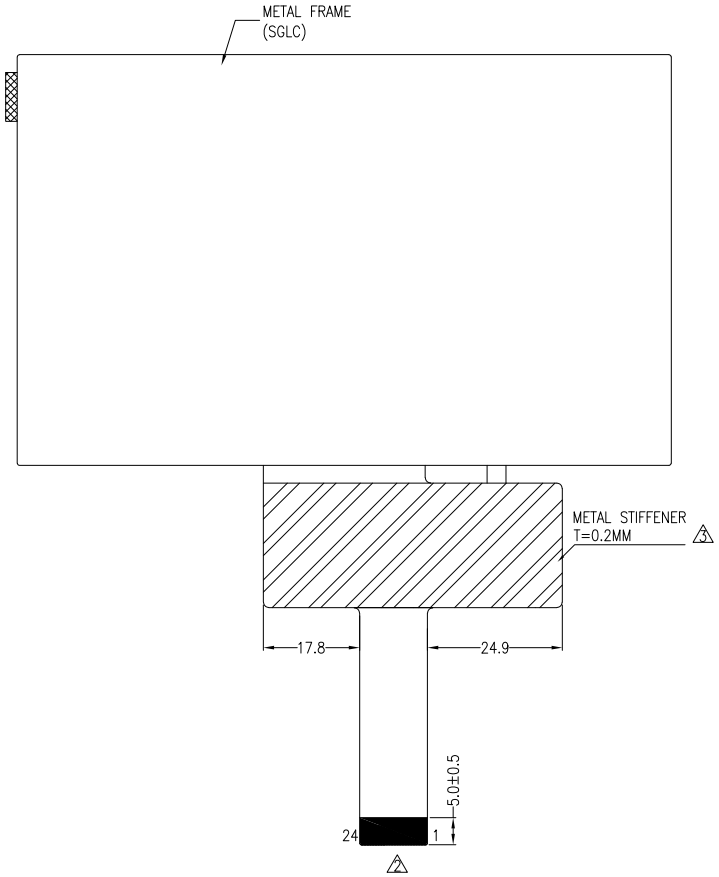


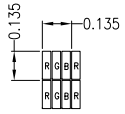




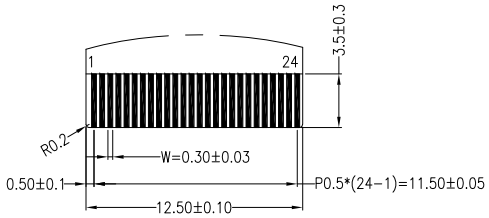
PIN DESCRIPTION	
PIN	SYMBOL
1	LED_K
2	LED_A
3	NC
4	GND
5	DA0P
6	DA0N
7	GND
8	DA1P
9	DA1N
10	GND
11	DACP
12	DACN
13	GND
14	DA2P
15	DA2N
16	GND
17	DA3P
18	DA3N
19	GND
20	DISP
21	VDD
22	NC
23	NC
24	GND

NOTES:

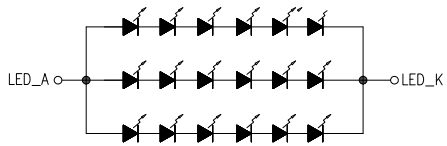
1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY BLACK
2. OPERATING VOLTAGE: VDD=3.3V (TYP.)
3. VIEWING DIRECTION: FULL VIEWING ANGLE
4. DRIVER IC: GH7006-I1
5. OPERATING TEMP.: -30°C ~ 85°C
6. STORAGE TEMP.: -30°C ~ 85°C
7. BACKLIGHT TYPE: WHITE LED, IF=60mA, VF=18V~20.4V
8. SURFACE LUMINANCE: 600CD/M^2 (TYP.)
9. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE
10. RECOMMEND MATCHING CONNECTOR: HRS FH19SC-24S-0.5SH OR EQUIVALENT
11. ONLY THE SINGLE LAYER AREA ON FPC IS BENDABLE AND THE MINIMUM BEND RADIUS IS 1.5MM
12. UNMARKED TOLERANCE: ±0.3MM
13. ROHS COMPLIANT



DETAIL A
(SCALE 40:1)



DETAIL B
(SCALE 3:1)



BACKLIGHT CIRCUIT DIAGRAM

VER.	REVISED DESCRIPTION	REVISER	DATE
04	ADD METAL STIFFENER ON THE BACK OF FPC	RITA	2025.04.28
03	MODIFY FPC LENGTH FROM 55MM TO 70MM	CAROL	2025.04.09
02	MODIFY PIN DESCRIPTION MODIFY FPC CONTACT SIDE AND STIFFENER	CAROL	2025.03.17
01	FIRST ISSUE	CAROL	2025.03.13

MULTI-INNO TECHNOLOGY CO., LTD.

DRAWN BY:	CAROL		MODULE P/N: MI0500AUT-1
CHECKED BY:		SCALE : 1/1	
APPROVED BY:		UNIT: mm	DESCRIPTION: TFT MODULE
VERSION NO:	04	SHEET NO.: 1/1	