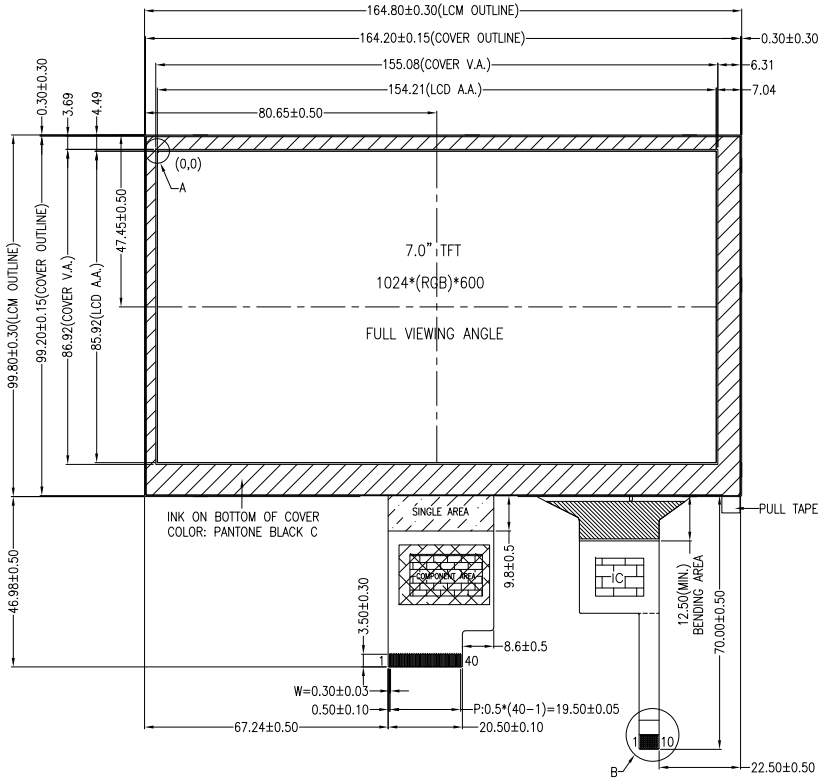
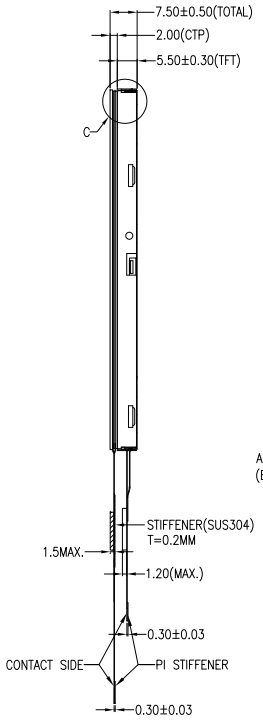
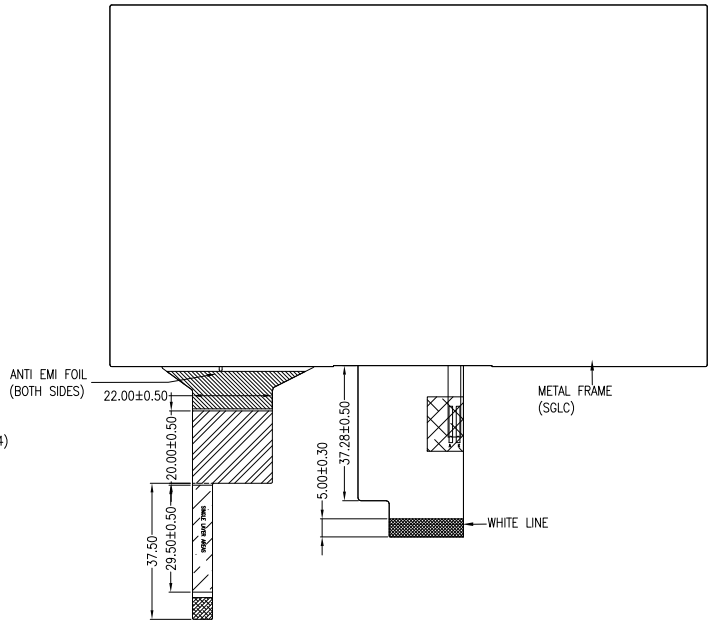
NO MECHANICAL HOUSING TO HOLD THE TFT AND THE TOUCH PANEL ON THIS PRODUCT, SO THE END UNIT'S MECHANICAL DESIGN MUST INCLUDE A HOUSING FOR PREVENTING THE SEPARATION OF THE TFT AND THE TOUCH PANEL.

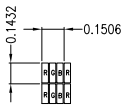
PIN DESCRIPTION FOR CTP	
PIN	SYMBOL
1	VSS
2	VDD
3	SCL
4	NC
5	SDA
6	NC
7	/RST
8	NC
9	/INT
10	VSS

PIN ASSIGNMENT FOR LCM	
PIN	SYMBOL
1	VCOM
2	DVDD
3	DVDD
4	NC
5	RESET
6	STBYB
7	GND
8	NINDO
9	PINDO
10	GND
11	NIND1
12	PIND1
13	GND
14	NIND2
15	PIND2
16	GND
17	NINC
18	PINC
19	GND
20	NIND3
21	PIND3
22	GND
23	NC
24	NC
25	GND
26	NC
27	NC
28	SELB
29	AVDD
30	GND
31	LED_K
32	LED_K
33	L/R
34	U/P
35	VGL
36	NC
37	NC
38	VGH
39	LED_A
40	LED_A

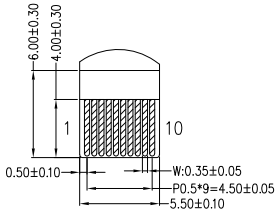




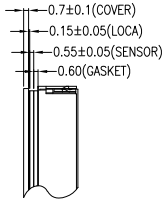




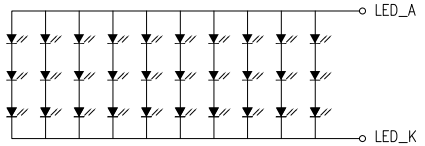
DETAIL A
(SCALE 40:1)



DETAIL B
(SCALE 4:1)



DETAIL C
(SCALE 2:1)



BACKLIGHT CIRCUIT DIAGRAM

NOTES FOR TFT:

1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY BLACK
2. OPERATING VOLTAGE: DVDD=3.3V (TYP.)
3. VIEWING DIRECTION: FULL VIEWING ANGLE
4. IC DRIVER: HX8282A01+HX8696A
5. BACKLIGHT: WHITE LED, If=300mA, Vf=8.4V~10.2V
6. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE

OTHERS:

1. OPERATING TEMP.: -20°C ~ 70°C
2. STORAGE TEMP.: -30°C ~ 80°C
3. SURFACE LUMINANCE: 850 CD/M^2 (TYP.) WITH CTP
4. THE SINGLE LAYER AREA OF FPC IS BENDABLE AND THE BENDING RADIUS MUST BE NOT LESS THAN 1.5MM
5. GENERAL TOLERANCE: ±0.30MM
6. ROHS COMPLIANT

NOTES FOR CTP:

1. 7.0 INCH PROJECTIVE CAPACITIVE TOUCH PANEL
2. COVER GLASS + SENSOR GLASS + FPCA
3. OPERATING VOLTAGE: VDD=IOVDD=3.3V
4. DRIVER IC: FT7311DQQ
5. INTERFACE: IIC
6. RESOLUTION: 1024*600
7. MULTI FINGER: UP TO 5
8. HARDNESS OF COVER SURFACE: 7H(750g)
9. FIRMWARE FILE:
   MI0700CSP-C4A_FIRMWARE_V01_20240723_ALL.BIN

VER.	REVISED DESCRIPTION	REVISER	DATE
01	FIRST ISSUE	TUFFY	2025.08.26

MULTI-INNO TECHNOLOGY CO., LTD.

DRAWN BY:	TUFFY		MODULE P/N: MI0700CHT-4CPA-A
CHECKED BY:		SCALE : 1/1	
APPROVED BY:		UNIT: mm	DESCRIPTION: TFT + CTP MODULE
VERSION NO:	01	SHEET NO: 1/1	