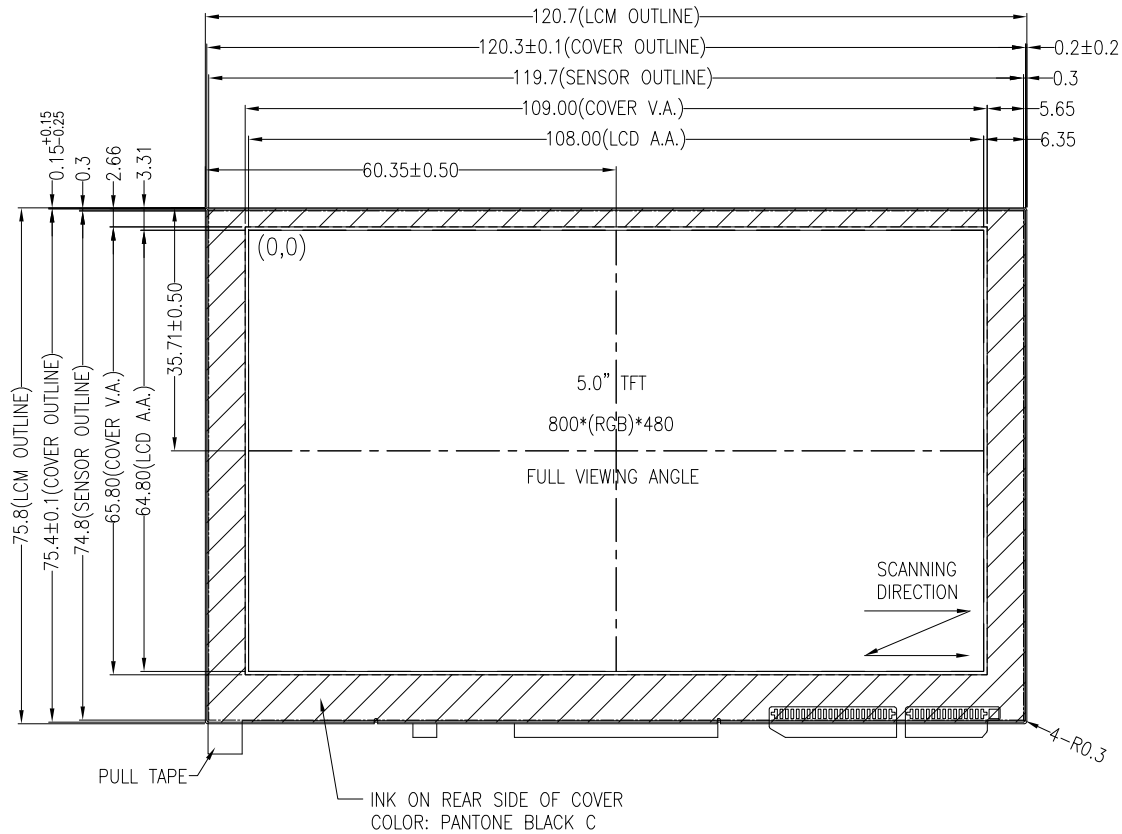
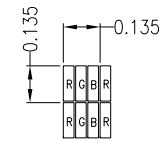


DETAIL A
(SCALE 4:1)



PIXEL DETAIL
(SCALE 40:1)

NOTES FOR TFT:

1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY BLACK
2. POWER SUPPLY: 12V(CN1) (TYP.)
3. VIEWING DIRECTION: FULL VIEWING ANGLE
4. DRIVER IC: RTD2660H
5. INTERFACE: HDMI
6. BACKLIGHT TYPE: WHITE LED
7. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE

NOTES FOR OTHERS:

1. OPERATING TEMP: -30°C ~ 85°C
2. STORAGE TEMP: -30°C ~ 85°C
3. SURFACE LUMINANCE: 510CD/M² (TYP.)
4. UNMARKED TOLERANCE: ±0.3MM
5. ROHS COMPLIANT

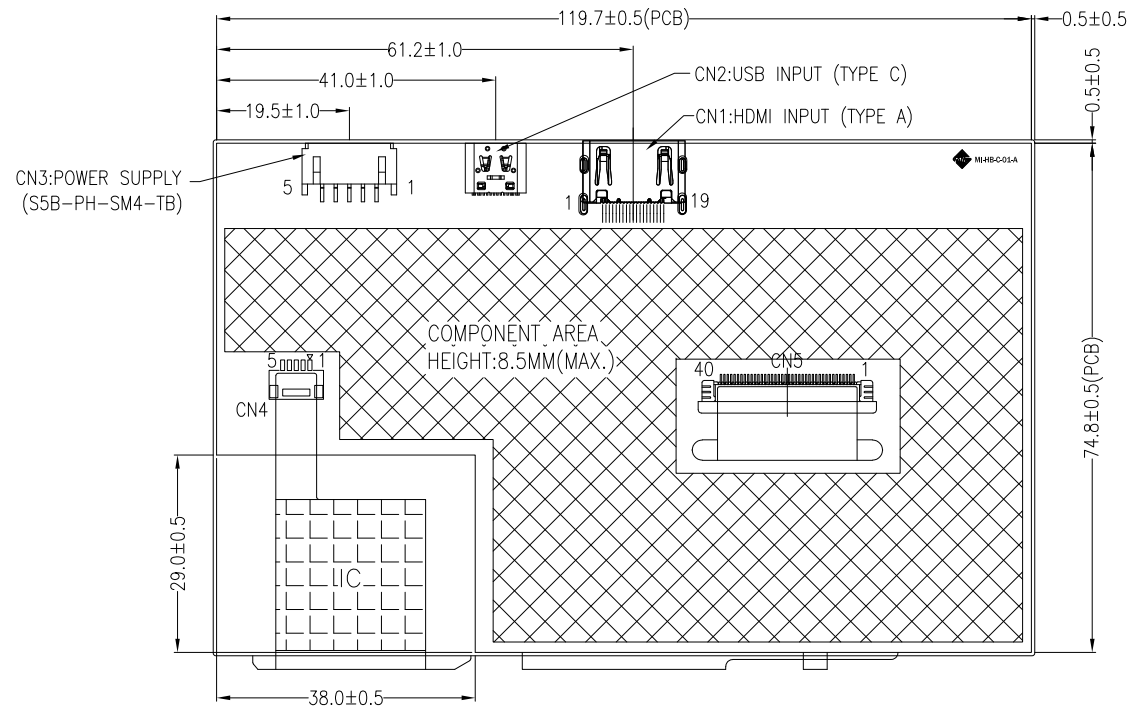
NOTES FOR CTP:

1. 5.0 INCH PROJECTIVE CAPACITIVE TOUCH PANEL
2. COVER GLASS + SENSOR GLASS + FPCA
3. OPERATING VOLTAGE: VDD=5.0V
4. DRIVER IC: ILI2511
5. INTERFACE: USB
6. MULTI-FINGER: UP TO 5
7. HARDNESS OF COVER SURFACE: ≥7H(750g)
8. FIRMWARE FILE: MI0500FIP-C_FIRMWARE_V50.23.0.1_20221028.HEX



MULTI-INNO TECHNOLOGY CO., LTD.

02	CHANGE FIRMWARE VERSION OF CTP	TUFFY	2025.12.23	CHECKED BY:	CAROL		MODULE P/N:
01	FIRST ISSUE	CAROL	2025.06.24	APPROVED BY:		SCALE : 1/1	MI0500AHT-3CP5-A-HB1
VER.	REVISED DESCRIPTION	REVISER	DATE	VERSION NO:	02	UNIT: mm	DESCRIPTION:
						SHEET NO: 1/2	TFT + CTP + HDMI MODULE



PIN ASSIGNMENT FOR CN3 (POWER SUPPLY AND BACKLIGHT BRIGHTNESS ADJUSTING)	
PIN	SYMBOL
1	VCC(+12V)
2	GND
3	GND
4	BL_PWM
5	BL_EN

PIN ASSIGNMENT FOR CN1 (HDMI INPUT)	
PIN	SYMBOL
1	TMDS DATA 2+
2	TMDS DATA 2 SHIELD
3	TMDS DATA 2-
4	TMDS DATA 1+
5	TMDS DATA 1 SHIELD
6	TMDS DATA 1-
7	TMDS DATA 0+
8	TMDS DATA 0 SHIELD
9	TMDS DATA 0-
10	TMDS CLOCK+
11	TMDS CLOCK SHIELD
12	TMDS CLOCK-
13	CEC
14	RESERVED(N.C. ON DEVICE)
15	SCL
16	SDA
17	DDC/CEC GROUND
18	+5V POWER
19	HOT PLUG DETECT

PIN ASSIGNMENT FOR CN2 (TYPE-C USB INPUT)			
PIN	SYMBOL	PIN	SYMBOL
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	NC	B8	NC
A6	D+	B7	D-
A7	D-	B6	D+
A8	NC	B5	NC
A9	VBUS	B4	VBUS
A12	GND	B1	GND



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02	CHANGE FIRMWARE VERSION OF CTP	TUFFY	2025.12.23	CHECKED BY:		SCALE : 1/1	MODULE P/N:
01	FIRST ISSUE	CAROL	2025.06.24	APPROVED BY:		UNIT: mm	DESCRIPTION:
VER.	REVISED DESCRIPTION	REVISER	DATE	VERSION NO:	02	SHEET NO: 2/2	TFT + CTP + HDMI MODULE