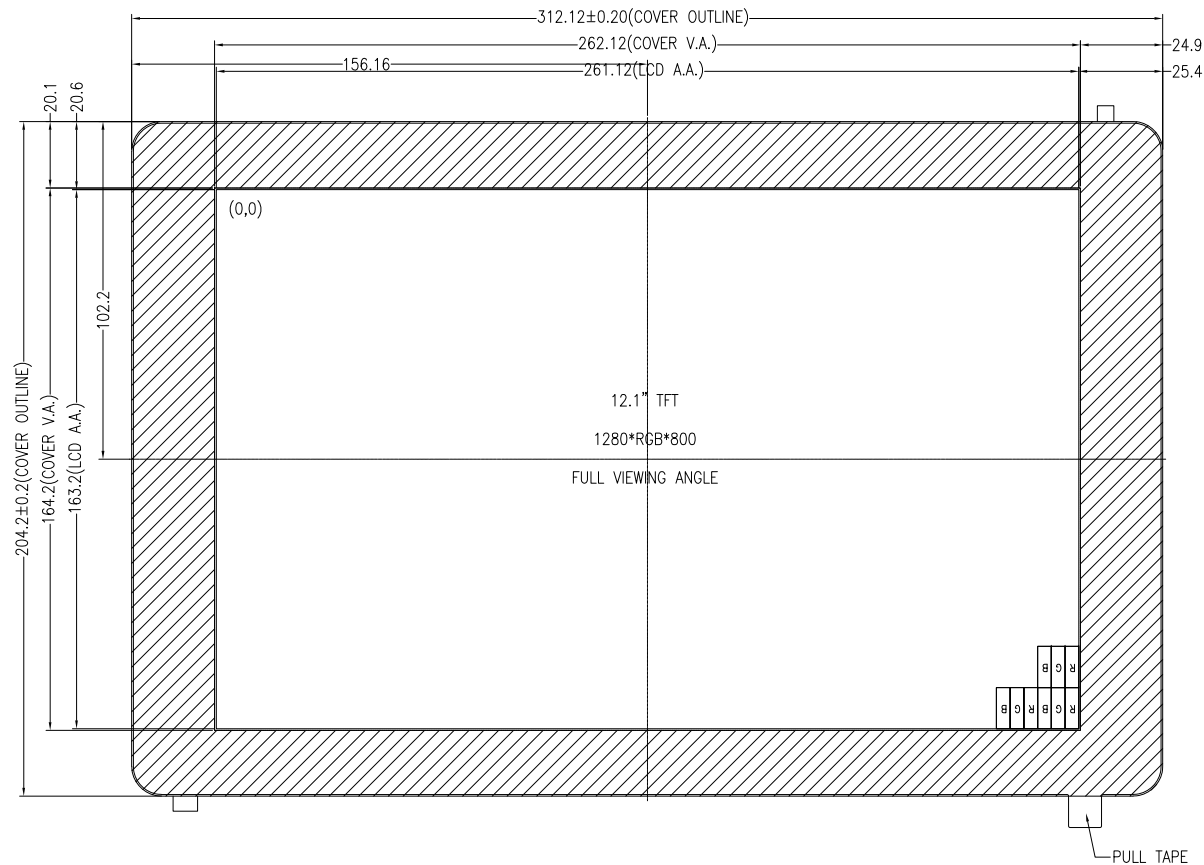




NOTES FOR TFT:

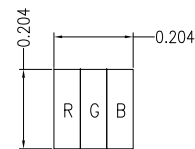
1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY BLACK
2. OPERATING VOLTAGE(CN3): 12V (TYP.)
3. VIEWING DIRECTION: FULL VIEWING ANGLE
4. DRIVER IC: RTD2660H
5. BACKLIGHT TYPE: WHITE LED
BUILT-IN BACKLIGHT DRIVER
6. TOP POLARIZER SURFACE TREATMENT: GLARE $\triangle$ 3

NOTES FOR OTHERS:

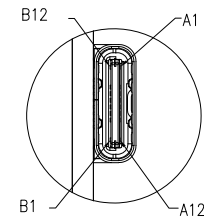
1. OPERATING TEMP.: -40°C ~ 85°C
2. STORAGE TEMP.: -40°C ~ 85°C
3. SURFACE LUMINANCE: 935 CD/M² (TYP.)
4. ONLY THE SINGLE LAYER AREA ON FPC IS BENDABLE
AND THE MINIMUM BEND RADIUS IS 1.5MM
5. UNMARKED TOLERANCE: ±0.5MM
6. ROHS COMPLIANT

NOTES FOR CTP:

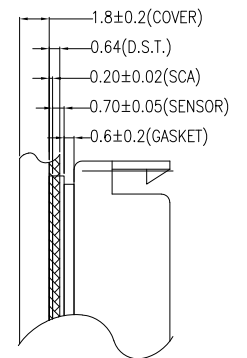
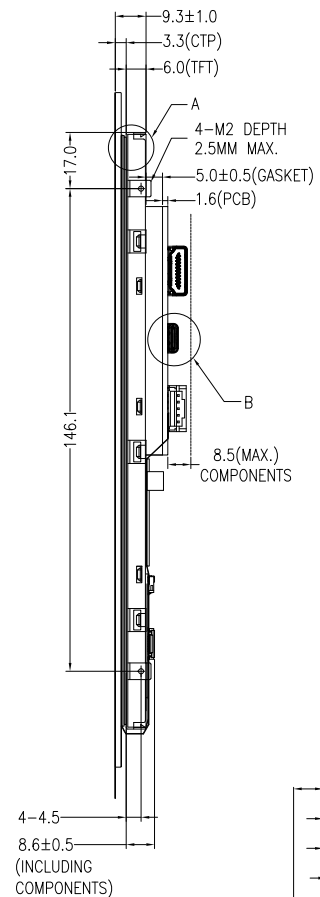
1. 12.1 INCH PROJECTIVE CAPACITIVE TOUCH PANEL
2. COVER GLASS + SENSOR GLASS + FPCA
3. OPERATING VOLTAGE: IIC_VDD=3.3V, USB_VDD=5.0V
4. DRIVER IC: ILI2511
5. INTERFACE: IIC /USB
6. RESOLUTION: 9600 x 9600 $\triangle$ 2
7. MULTI-FINGER: 10
8. HARDNESS OF COVER SURFACE: 7H (750g)
9. FIRMWARE FILE:
MI1210DIP-C_FIRMWARE_V25.06.18.00_250618.HEX $\triangle$ 2



PIXEL DETAIL
(SCALE 100:1)



DETAIL B
(SCALE 4:1)

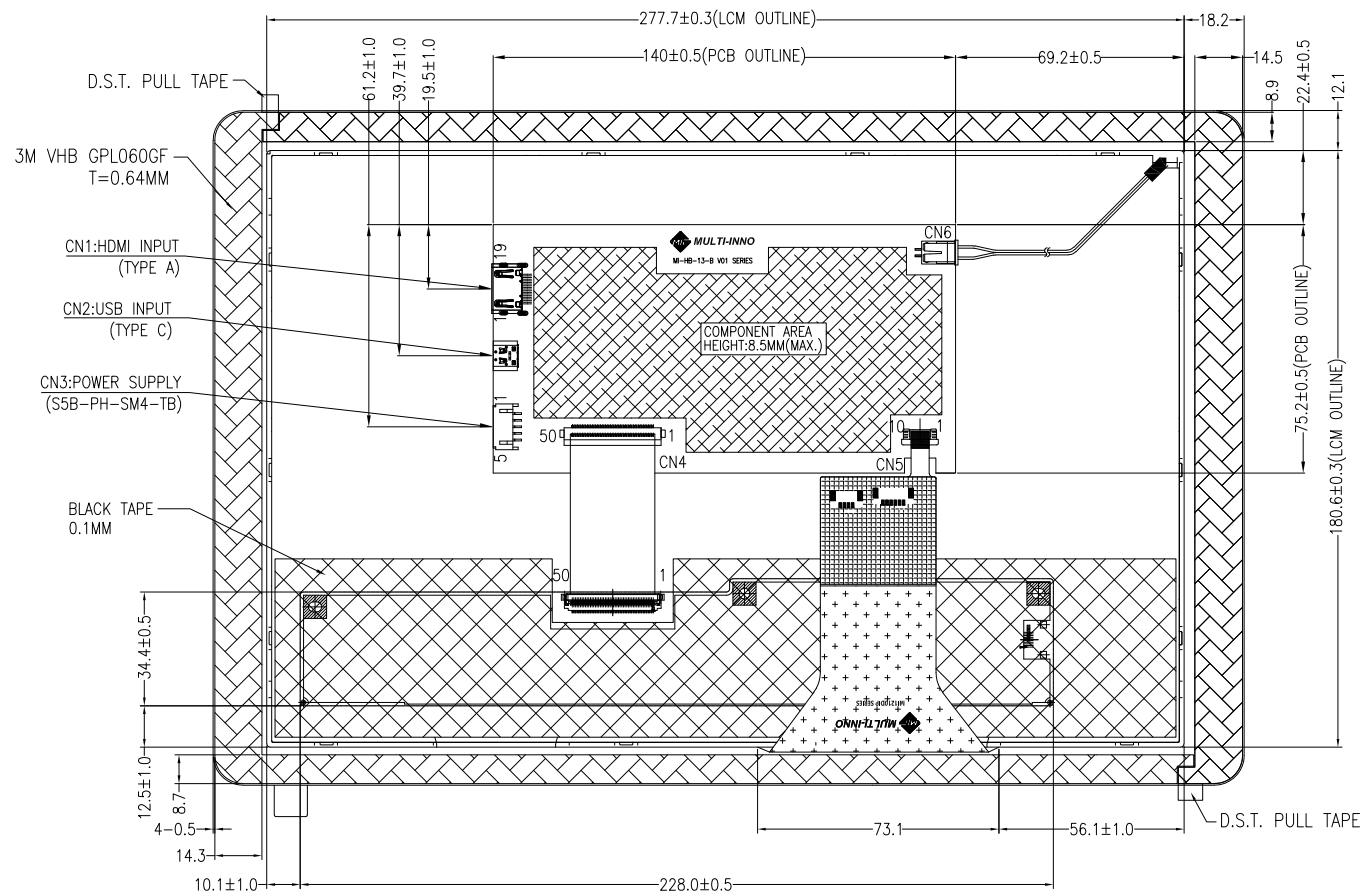


DETAIL A
(SCALE 5:1)



MULTI-INNO TECHNOLOGY CO., LTD.

03	CHANGE THE TOP POLARIZER SURFACE TREATMENT	TUFFY	2025.12.05	DRAWN BY:	CAROL		MODULE P/N:
02	ADD RESOLUTION AND FIRMWARE VERSION	RITA	2025.08.15	CHECKED BY:		SCALE : 1/1	MI1210ACT-1CP1-A-HB
01	FIRST ISSUE	CAROL	2025.04.23	APPROVED BY:		UNIT: mm	DESCRIPTION:
VER.	REVISED DESCRIPTION	REVISER	DATE	VERSION NO:	03	SHEET NO: 1/2	TFT + CTP + PCBA MODULE



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

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

CN3 (BACKLIGHT CONTROL)	
PIN	SYMBOL
1	VCC(+12V)
2	GND
3	GND
4	BL_PWM
5	BL_EN



MULTI-INNO TECHNOLOGY CO., LTD.

03	CHANGE THE TOP POLARIZER SURFACE TREATMENT	TUFFY	2025.12.05	DRAWN BY:	CAROL		MODULE P/N:
02	ADD RESOLUTION AND FIRMWARE VERSION	RITA	2025.08.15	CHECKED BY:		SCALE : 1/1	MI1210ACT-1CP1-A-HB
01	FIRST ISSUE	CAROL	2025.04.23	APPROVED BY:		UNIT: mm	DESCRIPTION:
VER.	REVISED DESCRIPTION	REVISER	DATE	VERSION NO:	03	SHEET NO: 2/2	TFT + CTP + PCBA MODULE