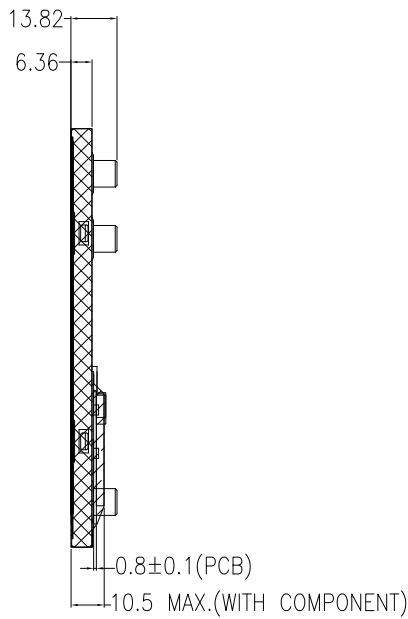
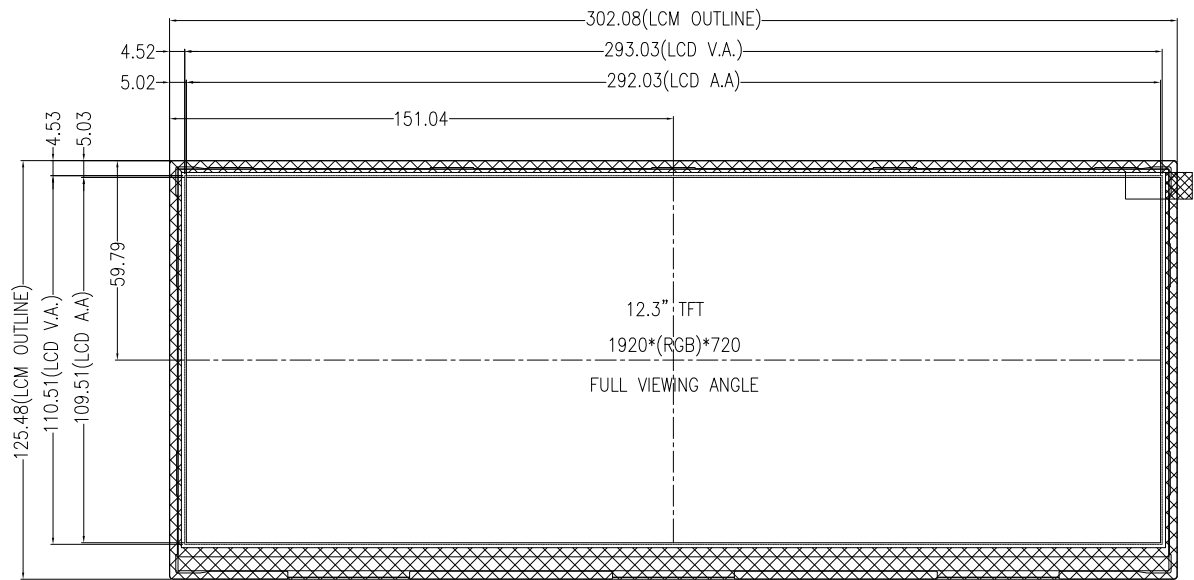
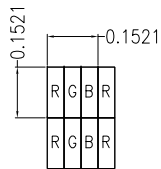


FOR ANY TOUCH PANEL OR OTHER ACCESSORIES ASSEMBLED WITH FRAME GLUE, A PERMANENT AND RELIABLE MECHANICAL STRUCTURE NEEDS TO BE DESIGNED ON CUSTOMER'S WHOLE MACHINE TO HOLD THEM IN PLACE TO AVOID LOOSE.

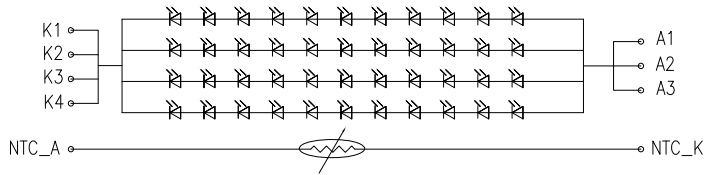


NOTES:

1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY BLACK
2. OPERATING VOLTAGE: VCC=3.3V (TYP.)
3. VIEWING DIRECTION: FULL VIEWING ANGLE
4. DRIVER IC: HX8290
5. OPERATING TEMP.: -40°C ~ 85°C
6. STORAGE TEMP.: -40°C ~ 90°C
7. THE UNIT CAN OPERATE FROM -40°C TO -30°C, WITH NO GUARANTEE ON THE DISPLAY'S PERFORMANCE BECAUSE OF HIGH VISCOSITY OF LIQUID CRYSTAL.
8. LED BACKLIGHT: WHITE LED, IF=320MA, VF=31.9V~37.4V
9. SURFACE LUMINANCE: 800CD/M² (TYP.)
10. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE
11. CN1 P/N: AORORA F31L-1A7H1-21050 OR BJD=101049-205050 OR EQUIVALENT
12. ONLY THE SINGLE LAYER AREA ON FPC IS BENDABLE AND THE MINIMUM BEND RADIUS IS 1.5MM
13. UNMARKED TOLERANCE: ±0.5MM
14. ROHS COMPLIANT



PIXEL DETAIL
(SCALE 100:1)



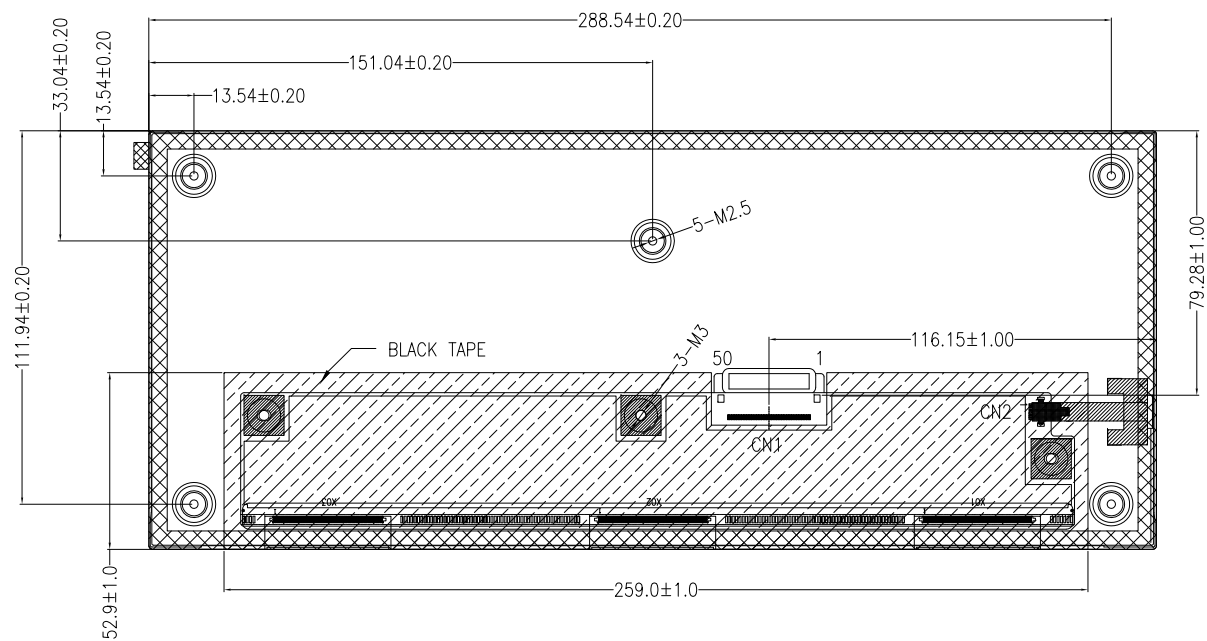
NTC THERMISTOR P/N: MURATA NCU15XH103F6SRC
BACKLIGHT CIRCUIT DIAGRAM



MULTI-INNO TECHNOLOGY CO., LTD.

DRAWN BY:	RITA	2024.11.22	SCALE : 1/1	MODULE P/N:
CHECKED BY:			UNIT: mm	MI1230FT-2
APPROVED BY:			SHEET NO.: 1/2	DESCRIPTION:
VERSION NO:	01			TFT MODULE

02	ADD TEMPERATURE REMARK MODIFY OPERATING TEMP. FROM -30~85°C TO -40~85°C	CAROL	2025.03.27
01	FIRST ISSUE	RITA	2024.11.22
VER.	REVISED DESCRIPTION	REVISER	DATE



PIN ASSIGNMENT FOR CN1			
PIN	SYMBOL	PIN	SYMBOL
1	GND	26	ERXCLKIN-
2	NC(BIST)	27	ERXCLKIN+
3	VCC	28	ERXIN3-
4	VCC	29	ERXIN3+
5	GND	30	GND
6	GND	31	FAULT
7	NC	32	RESET
8	NC	33	STBYB
9	GND	34	NC
10	ORXIN0-	35	NC
11	ORXIN0+	36	NC
12	ORXIN1-	37	NC
13	ORXIN1+	38	GND
14	ORXIN2-	39	GND
15	ORXIN2+	40	NC
16	ORXCLKIN-	41	LED A
17	ORXCLKIN+	42	LED A
18	ORXIN3-	43	LED A
19	ORXIN3+	44	NC
20	ERXIN0-	45	LED K
21	ERXIN0+	46	LED K
22	ERXIN1-	47	LED K
23	ERXIN1+	48	LED K
24	ERXIN2-	49	NTC_A
25	ERXIN2+	50	NTC_K



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02	ADD TEMPERATURE REMARK MODIFY OPERATING TEMP. FROM -30~85°C TO -40~85°C	CAROL	2025.03.27	DRAWN BY:	RITA	2024.11.22		MODULE P/N:	MI1230FT-2
01	FIRST ISSUE	RITA	2024.11.22	CHECKED BY:			SCALE : 1/1		
VER.	REVISED DESCRIPTION	REVISER	DATE	APPROVED BY:			UNIT: mm	DESCRIPTION:	TFT MODULE
				VERSION NO:	02		SHEET NO.: 2/2		