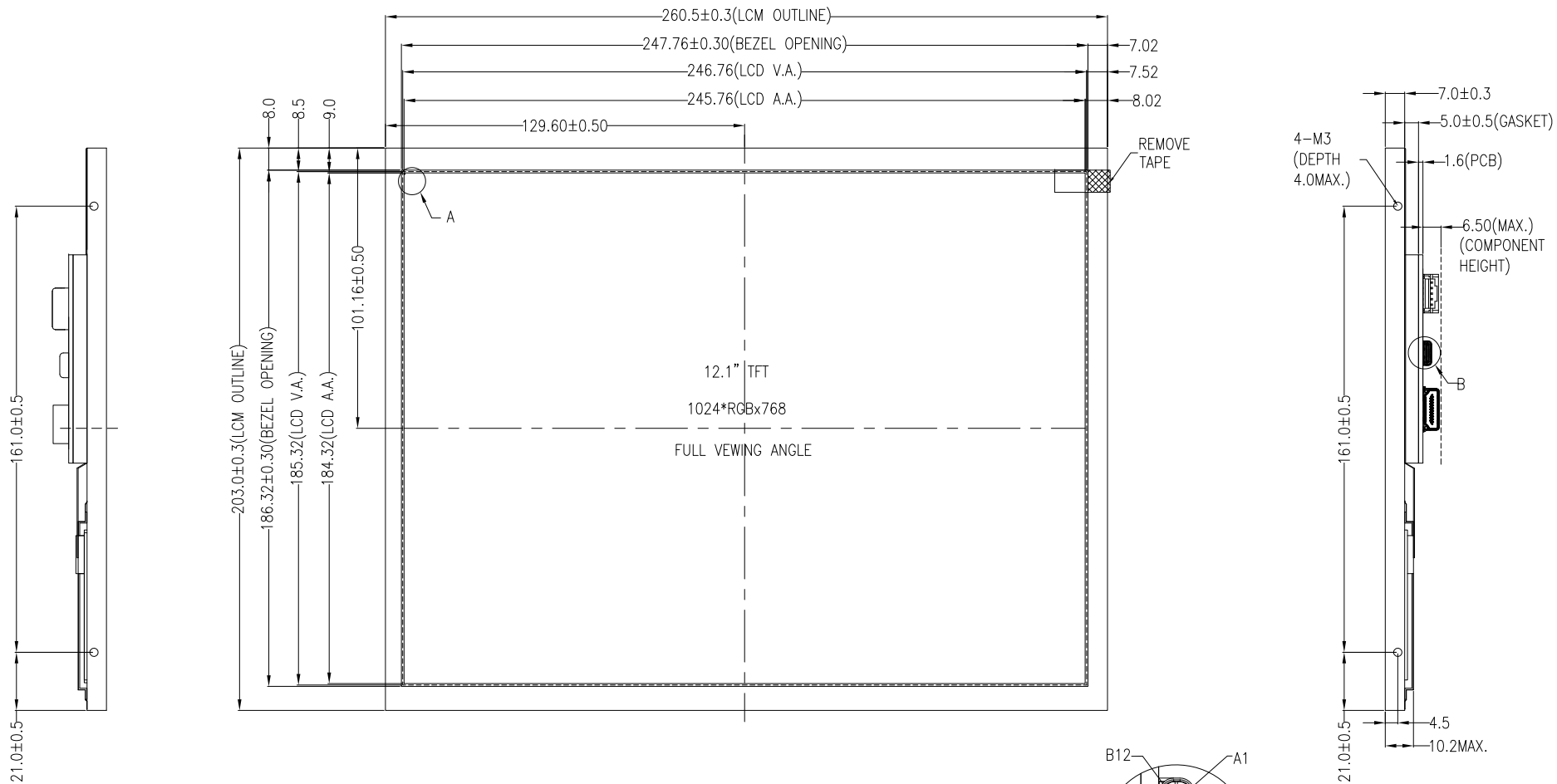


FOR ANY TOUCH PANEL OR OTHER ACCESSORIES ASSEMBLED WITH FRAME GLUE, A PERMANENT AND RELIABLE MECHANICAL STRUCTURE NEEDS TO BE DESIGNED ON CUSTOMER'S WHOLE MACHINE TO HOLD THEM IN PLACE TO AVOID LOOSE.



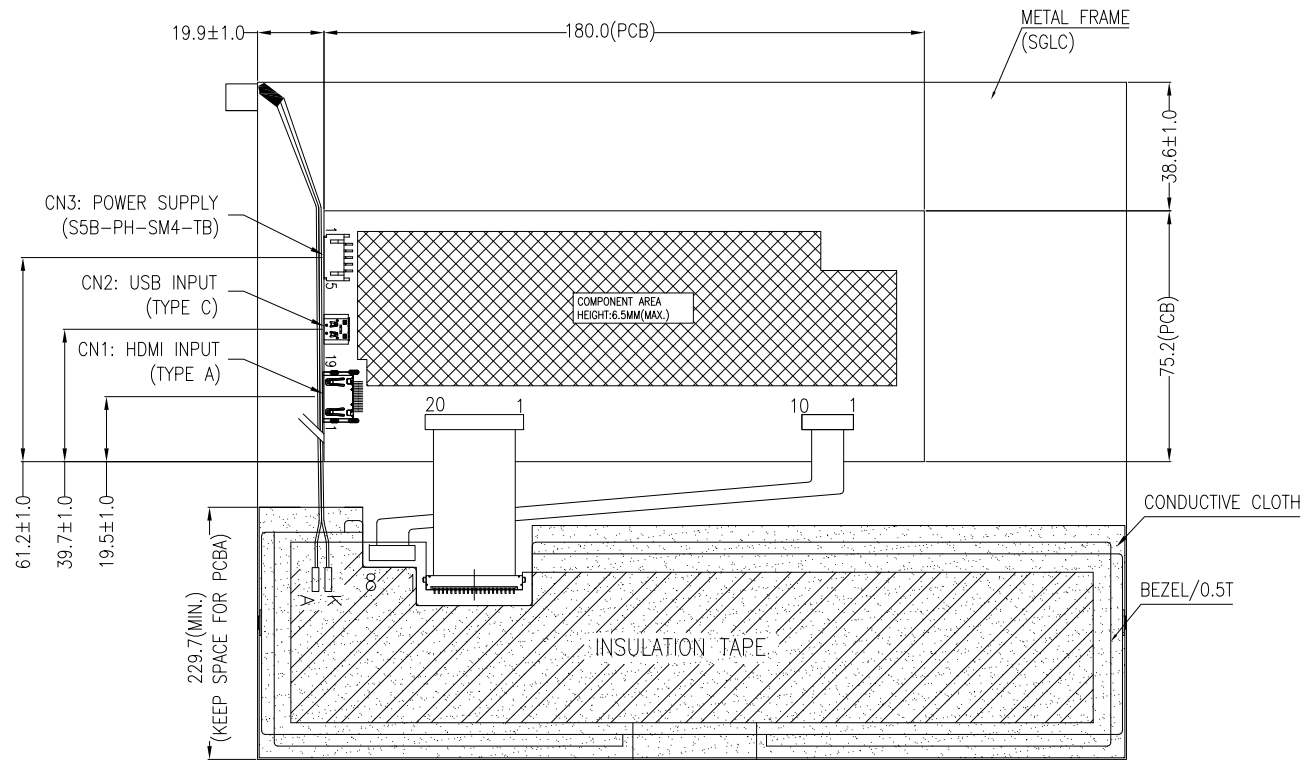
NOTES:

1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY BLACK
2. POWER SULLY (CN1): 12V (TYP.)
3. VIEWING DIRECTION: FULL VIEWING ANGLE
4. DRIVER IC: RTD2513A
5. INTERFACE: HDMI AND USB INPUT
6. OPERATING TEMP.: -30°C ~ 70°C
7. STORAGE TEMP.: -30°C ~ 80°C
8. LED BACKLIGHT: WHITE LED, BUILT-IN BACKLIGHT DRIVER VCC=12V
9. SURFACE LUMINANCE: 500CD/M² (TYP.)
10. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE
11. GENERAL TOLERANCE: ±0.5MM
12. ROHS COMPLIANT

01	FIRST ISSUE	RITA	2024.12.17	APPROVED BY:		UNIT: mm	DESCRIPTION:
VER.	REVISED DESCRIPTION	REVISER	DATE	VERSION NO:	01	SHEET NO.: 1/2	TFT + PCBA MODULE

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CHECKED BY:			SCALE : 1/1	MI210ADT-1-HB
APPROVED BY:				
VERSION NO:	01			



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

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



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CHECKED BY:			SCALE : 1/1	MI1210ADT-1-HB
APPROVED BY:			UNIT: mm	DESCRIPTION:
VERSION NO:	01		SHEET NO.: 2/2	TFT + PCBA MODULE

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VER.	REVISED DESCRIPTION	REVISER	DATE