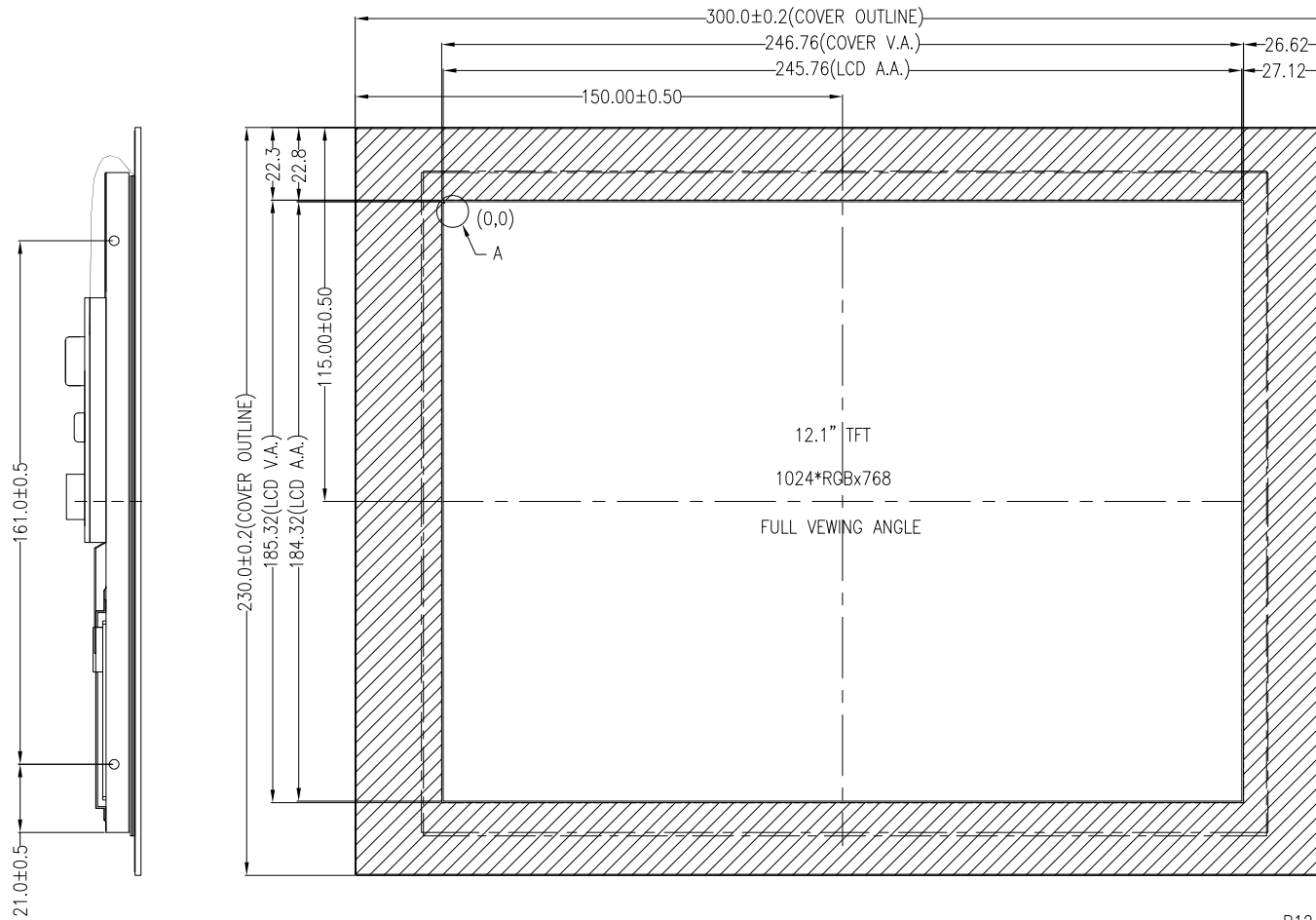




NOTES FOR TFT:

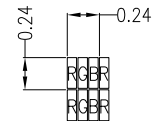
1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY BLACK
2. POWER SUPPLY(CN1): 12V (TYP.)
3. VIEWING DIRECTION: FULL VIEWING ANGLE
4. DRIVER IC: RTD2513A
5. INTERFACE: HDMI
6. BACKLIGHT TYPE: WHITE LED
BUILT-IN BACKLIGHT DRIVER: VCC=12V
7. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE

NOTES FOR CTP:

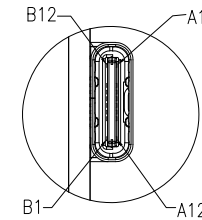
1. 12.1 INCH PROJECTIVE CAPACITIVE TOUCH PANEL
2. COVER GLASS + SENSOR GLASS + FPCA
3. OPERATING VOLTAGE: VDD=5.0V
4. DRIVER IC: ILI2511
5. INTERFACE: USB
6. MULTI-FINGER: UP TO 10
7. HARDNESS OF COVER SURFACE: 6H
8. FIRMWARE FILE: TBD

NOTES FOR OTHERS:

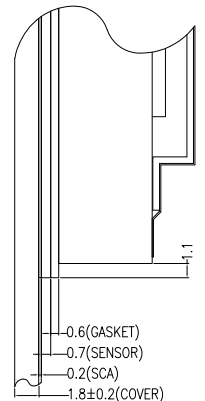
1. OPERATING TEMP.: -20°C ~ 70°C
2. STORAGE TEMP.: -30°C ~ 80°C
3. SURFACE LUMINANCE: 425 CD/M² (TYP.)
4. GENERAL TOLERANCE: ±0.5MM
5. ROHS COMPLIANT



DETAIL A
(SCALE 40:1)



DETAIL B
(SCALE 4:1)



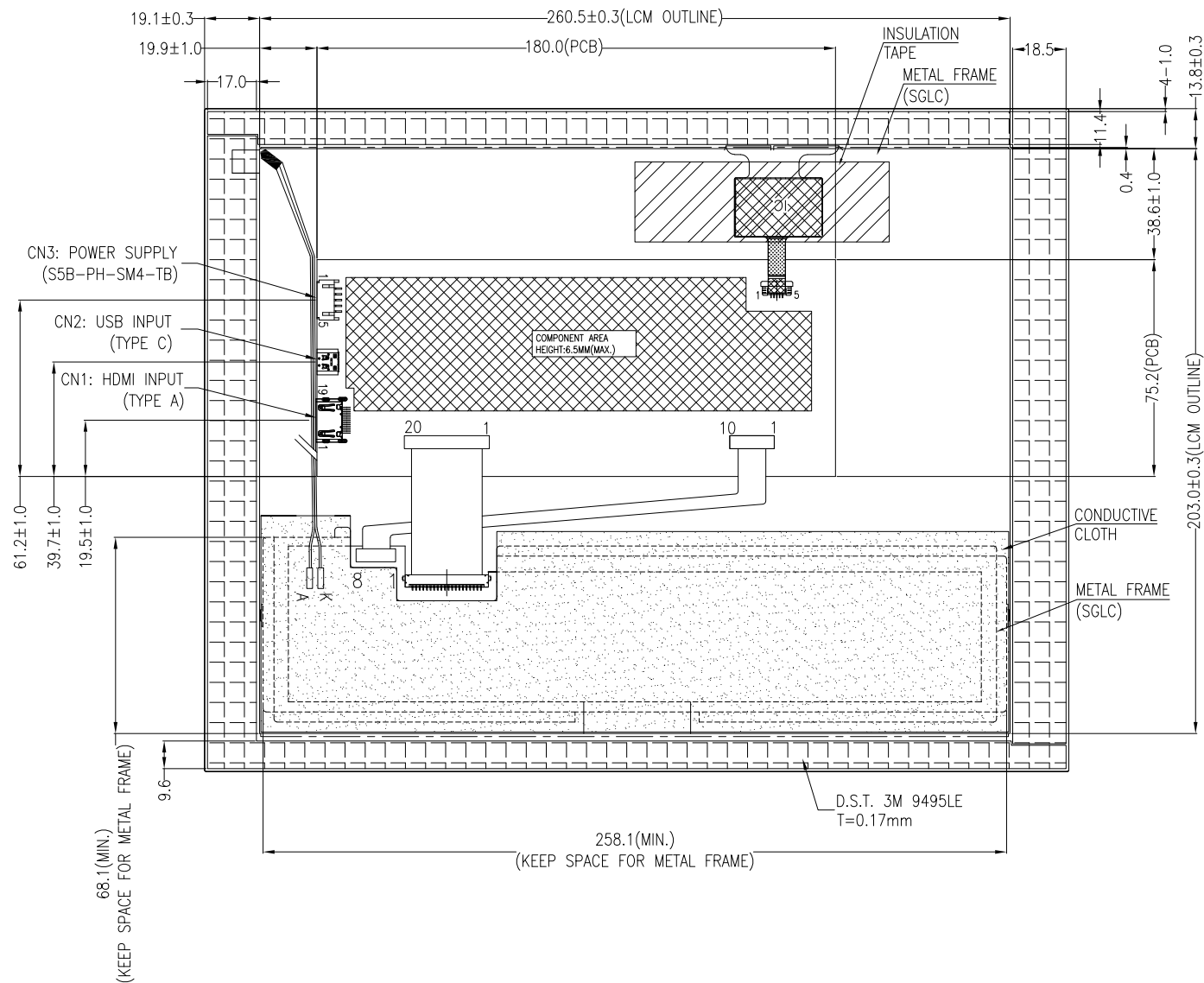
DETAIL C
(SCALE 4:1)



MULTI-INNO TECHNOLOGY CO., LTD.

DRAWN BY:	RITA	UNIT: mm	MODULE P/N:
CHECKED BY:		SHEET NO.: 1/2	MI1210ADT-1CP-A-HB
APPROVED BY:		DESCRIPTION:	TFT + PCBA MODULE
VERSION NO:	01		

01	FIRST ISSUE	RITA	2024.12.17
VER.	REVISED DESCRIPTION	REVISER	DATE



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.

DRAWN BY:	RITA		MODULE P/N:
CHECKED BY:		SCALE : 1/1	MI1210ADT-1CP-A-HB
APPROVED BY:		UNIT: mm	DESCRIPTION:
VERSION NO:	01	SHEET NO.: 2/2	TFT + PCBA MODULE

01	FIRST ISSUE	RITA	2024.12.17
VER.	REVISED DESCRIPTION	REVISER	DATE