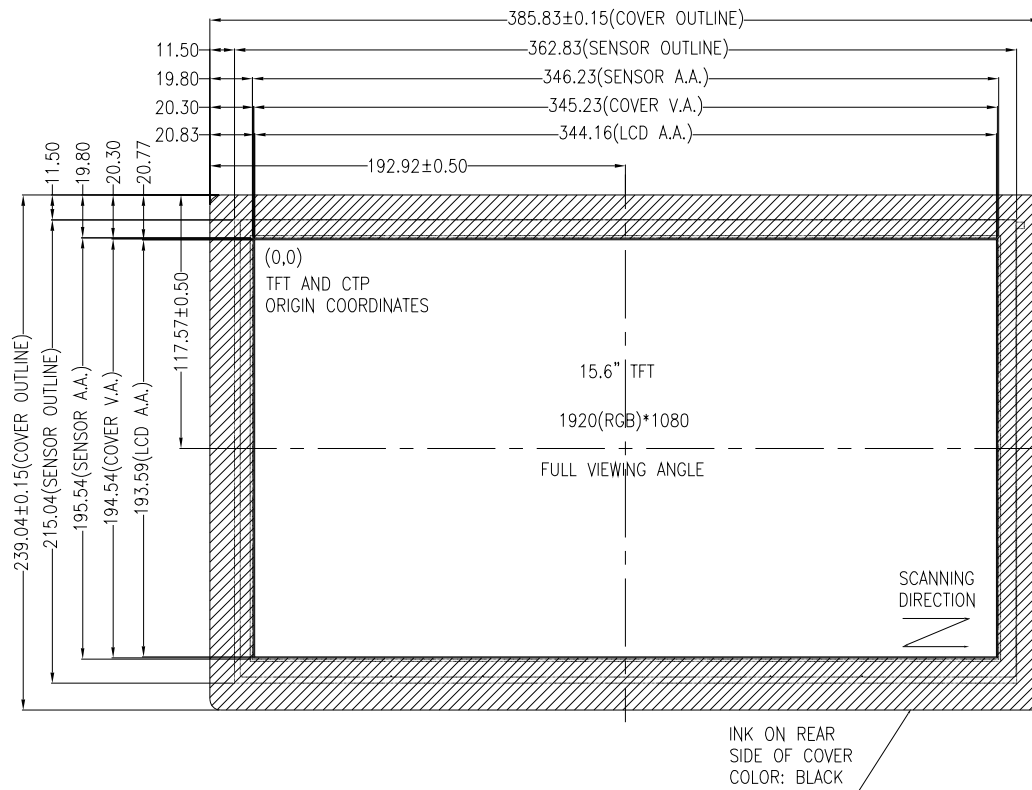




NOTES FOR TFT:

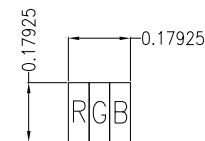
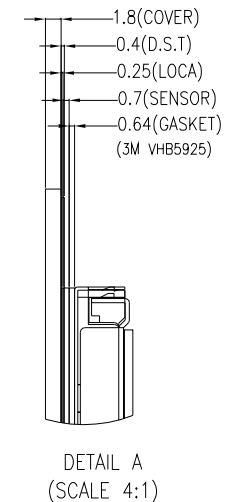
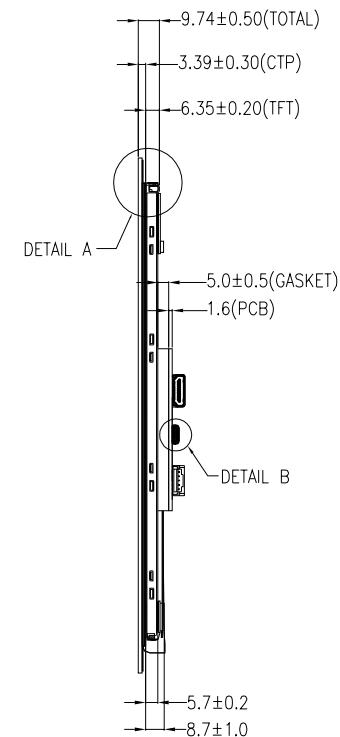
1. DISPLAY TYPE: IPS TFT, TRANSMISSIVE, NORMALLY BLACK
2. POWER SUPPLY(CN1): 12V(TYP.)
3. VIEWING DIRECTION: FULL VIEWING ANGLE
4. DRIVER IC: RTD2556T
5. LED BACKLIGHT: 60-CHIP WHITE LED.
6. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE.

OTHERS:

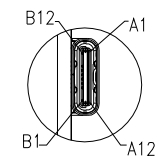
1. OPERATING TEMP.: -20°C ~ 70°C
2. STORAGE TEMP.: -30°C ~ 80°C
3. SURFACE LUMINANCE: 680CD/M²(TYP.) (WITH CTP)
4. GENERAL TOLERANCE: ±0.5mm
5. ROHS COMPLIANT

NOTES FOR CTP:

1. 15.6 INCH PROJECTIVE CAPACITIVE TOUCH PANEL
2. OPERATING VOLTAGE: VDD=5V
3. COVER GLASS+ SENSOR GLASS+ FPC(SMT) + PCB(INCLUDE IC)
4. DRIVER IC: EETI EXC3188, INTERFACE: USB
5. MULTI FINGER: 10 MAX
6. HARDNESS OF COVER SURFACE: >=6H
7. FIRMWARE FILE: MI1560AEP-C_FIRMWARE_V00-M01_20171201.3188UI



PIXEL DETAIL
(SCALE 40:1)



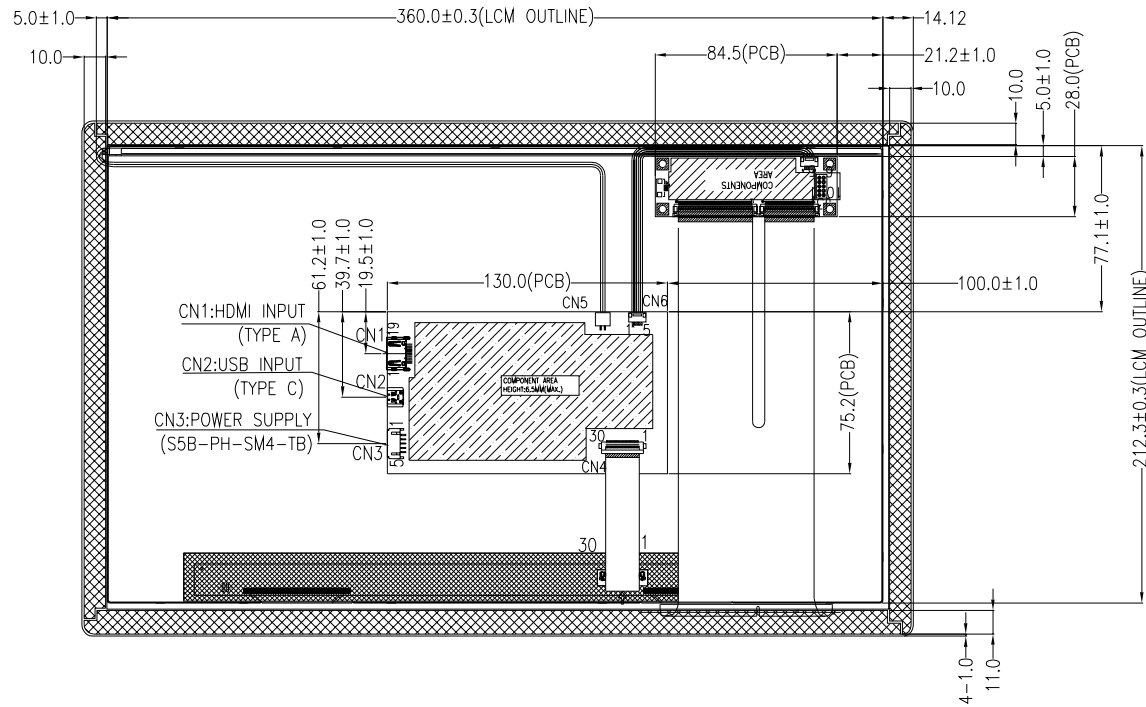
DETAIL B
(SCALE 4:1)



MULTI-INNO TECHNOLOGY CO., LTD.

DRAWN BY:	RITA	2024.06.21		MODULE P/N:
CHECKED BY:			SCALE : 1/1	MI1560RT-2CP-HB
APPROVED BY:			UNIT: mm	DESCRIPTION:
VERSION NO:	01		SHEET NO.: 1/2	TFT + CTP + HDMI BOARD

01	FIRST ISSUE	RITA	2024.06.21
VER.	REVISED DESCRIPTION	REVISER	DATE



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



MULTI-INNO TECHNOLOGY CO., LTD.

DRAWN BY:	RITA	2024.06.21		MODULE P/N:
CHECKED BY:			SCALE : 1/1	MI1560RT-2CP-HB
APPROVED BY:			UNIT: mm	DESCRIPTION:
VERSION NO:	01		SHEET NO.: 2/2	TFT + CTP + HDMI BOARD

01	FIRST ISSUE	RITA	2024.06.21
VER.	REVISED DESCRIPTION	REVISER	DATE