

NOTES FOR TFT:

1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY WHITE
2. OPERATING VOLTAGE: VDD=3.3V (TYP.)
3. VIEWING DIRECTION: 6 O'CLOCK
4. LED BACKLIGHT: WHITE LED, MULTI-IN BACKLIGHT DRIVER: VCC=12.0V (TYP.)
5. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE & HARDNESS 3H
6. CN1 RECOMMEND MODEL: MSB240420HE (STM)
7. CN2 RECOMMEND MODEL: MSB24038P5A (STM)

NOTES FOR CTP:

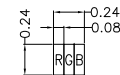
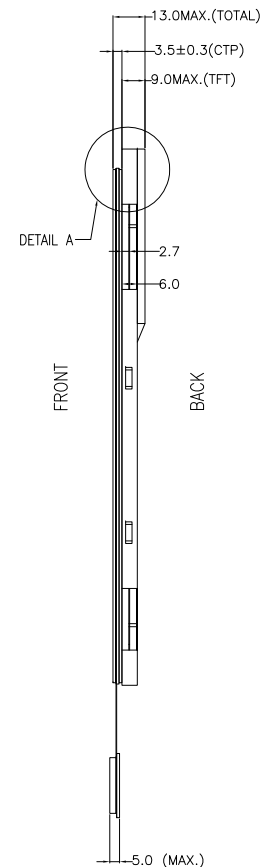
1. 12.1 INCH PROJECTIVE CAPACITIVE TOUCH PANEL
2. COVER GLASS + SENSOR GLASS + FPCA
3. OPERATING VOLTAGE: TP\_VDD=5.0V
4. DRIVER IC: EXC3146
5. INTERFACE: USB
6. MULTI FINGER: UP TO 5
7. HARDNESS OF COVER SURFACE: ≥6H
8. FIRMWARE FILE: TBD

NOTE FOR OTHERS:

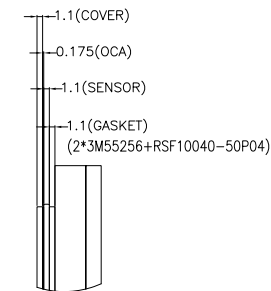
1. OPERATING TEMP.: -20°C ~ 70°C
2. STORAGE TEMP.: -30°C ~ 80°C
3. SURFACE LUMINANCE: 300 CD/M<sup>2</sup> (TYP.)
4. GENERAL TOLERANCE: ±0.5MM
5. ROHS COMPLIANT

PIN DESCRIPTION FOR CN2		PIN DESCRIPTION FOR CN1	
PIN	SYMBOL	PIN	SYMBOL
1	VCC	1	VDD
2	GND	2	VDD
3	ON/OFF	3	VSS
4	DIMMING(PWM)	4	REV
5	NC	5	RIN1-
		6	RIN1+
		7	VSS
		8	RIN2-
		9	RIN2+
		10	VSS
		11	RIN3-
		12	RIN3+
		13	VSS
		14	CLKIN-
		15	CLKIN+
		16	VSS
		17	RIN4-
		18	RIN4+
		19	SEL68
		20	BIST

CTP PIN DESCRIPTION	
PIN	SYMBOL
1	TP_GND
2	TP_VDD
3	D-
4	D+
5	TP_GND



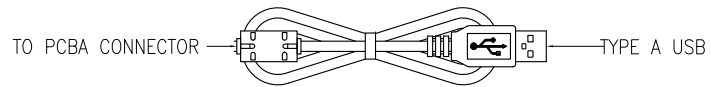
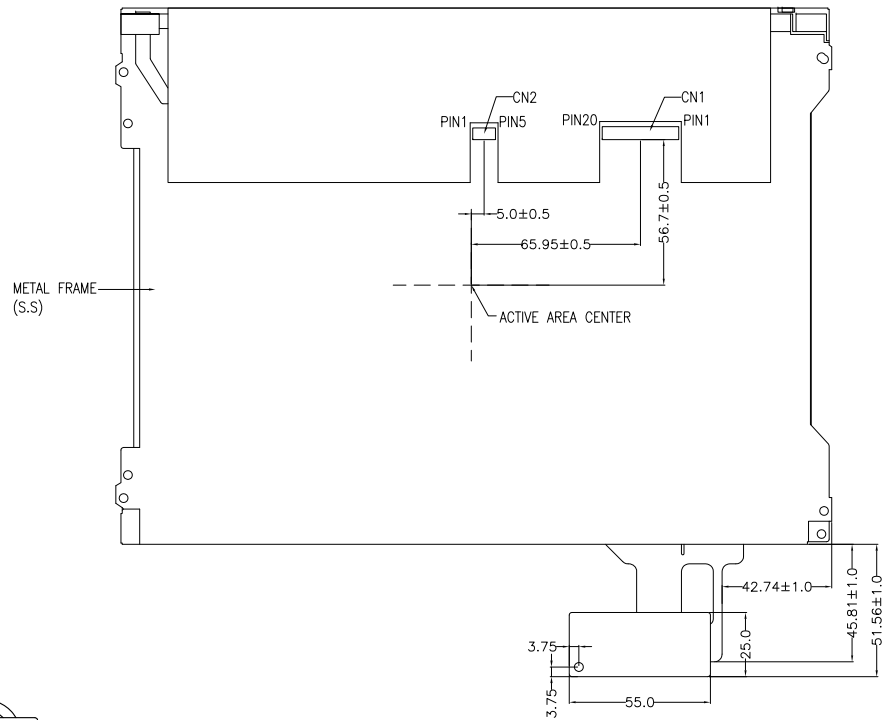
PIXEL DETAIL SCALE 50:1



DETAIL A SCALE 2:1


MULTI-INNO TECHNOLOGY CO., LTD.			
DRAWN BY:	CAROL 2021.06.29		MODULE P/N:
CHECKED BY:	CAROL 2021.06.29	SCALE : 1/1	MI1210KT-1CP1
APPROVED BY:		UNIT: mm	DESCRIPTION:
VERSION NO:	02	SHEET NO: 1/2	TFT + CTP MODULE

VER.	REVISION DESCRIPTION	REVISOR	DATE
02	CORRECT THE VIEWING DIRECTION FROM FULL VIEWING ANGLE FROM 6 O'CLOCK	CAROL	2021.08.06
01	FIRST ISSUE	CAROL	2021.06.29



USB CABLE FOR CTP  
(LENTH: 1M±20MM)

 MULTI-INNO TECHNOLOGY CO., LTD.

02	CORRECT THE VIEWING DIRECTION FROM FULL VIEWING ANGLE FROM 6 O'CLOCK	CAROL	2021.08.06	DRAWN BY:	CAROL	2021.06.29		MODULE P/N:	MI1210KT-1CP1
01	FIRST ISSUE	CAROL	2021.06.29	CHECKED BY:			SCALE :	1/1	
VER.	REVISED DESCRIPTION	REVISER	DATE	APPROVED BY:			UNIT:	mm	DESCRIPTION:
				VERSION NO:	02		SHEET NO.:	2/2	TFT + CTP MODULE