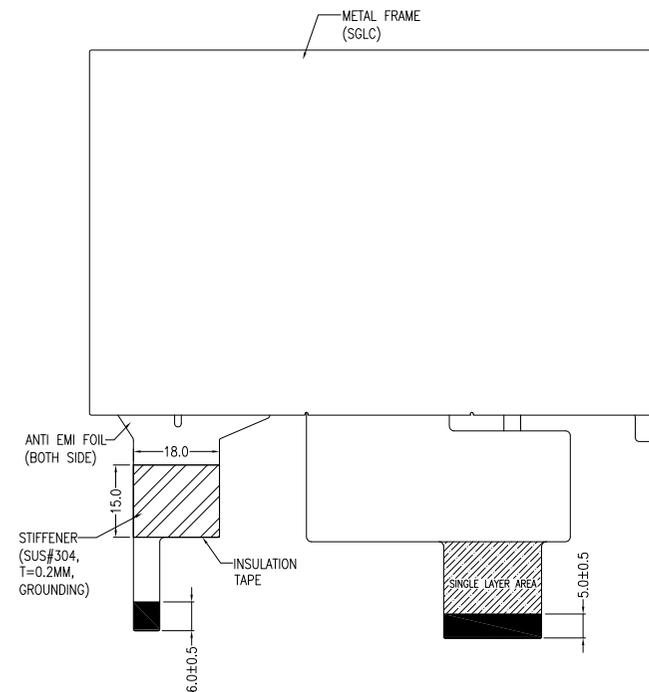
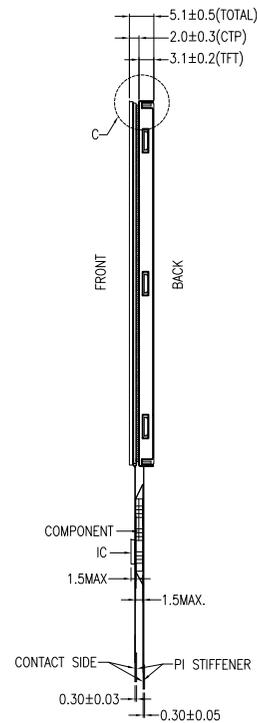
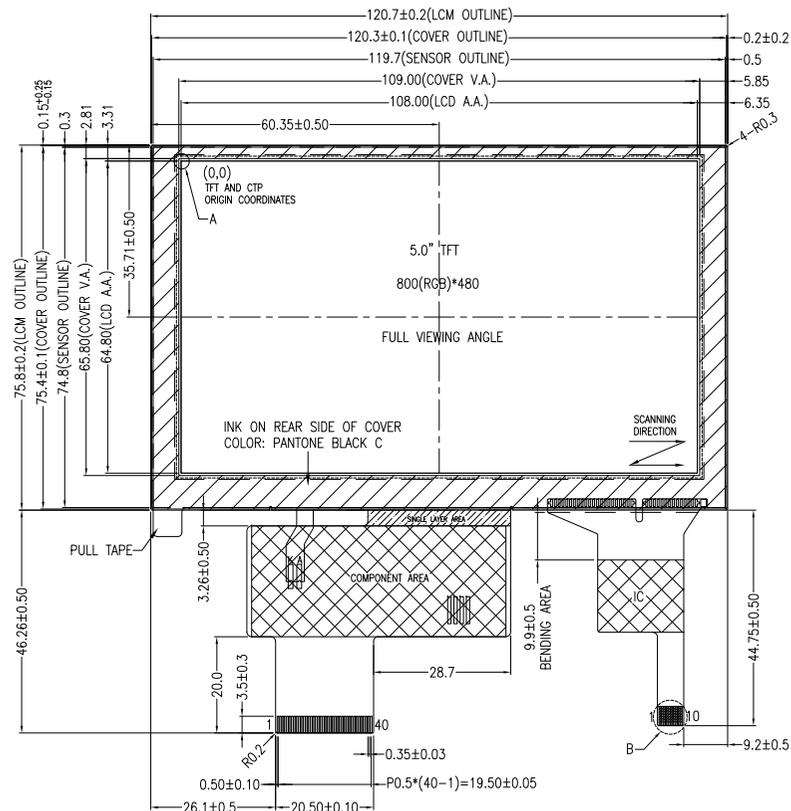


FOR ANY TOUCH PANEL OR OTHER ACCESSORIES ASSEMBLED WITH FRAME GLUE, A PERMANENT AND RELIABLE MECHANICAL STRUCTURE NEEDS TO BE DESIGNED ON CUSTOMER'S WHOLE MACHINE TO HOLD THEM IN PLACE TO AVOID LOOSE.



NOTES FOR TFT:

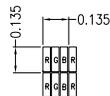
1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY BLACK
2. OPERATING VOLTAGE: VDD=3.3V (TYP.)
3. VIEWING DIRECTION: FULL VIEWING ANGLE
4. DRIVER IC: ST7262
5. BACKLIGHT TYPE: WHITE LED, If=90mA, Vf=16.2V~19.8V
6. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE
7. RECOMMEND MATCHING CONNECTOR: HRS FH28-40S-0.5SH OR EQUIVALENT

NOTES FOR CTP:

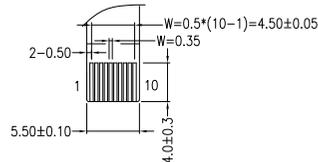
1. 5.0 INCH PROJECTIVE CAPACITIVE TOUCH PANEL
2. COVER GLASS + SENSOR GLASS + FPCA
3. OPERATING VOLTAGE: VCC=IOVCC=3.3V
4. DRIVER IC: FT5446DQS-P03
5. INTERFACE: IIC
6. RESOLUTION: 800*480 DOTS
7. MULTI FINGER: UP TO 5
8. HARDNESS OF COVER SURFACE: 7H(750g)
9. FIRMWARE FILE: MI0500CJP-C6(FT5446DQS-P03)_FIRMWARE_V0B_20201104_ALL

NOTES FOR OTHERS:

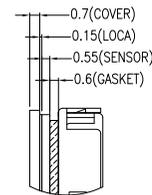
1. OPERATING TEMP.: -30°C ~ 85°C
2. STORAGE TEMP.: -30°C ~ 85°C
3. SURFACE LUMINANCE: 850 CD/M² (TYP.)
4. ONLY THE SINGLE LAYER AREA ON FPC IS BENDABLE AND THE MINIMUM BEND RADIUS IS 1.5MM
5. GENERAL TOLERANCE: ±0.3MM
6. ROHS COMPLIANT



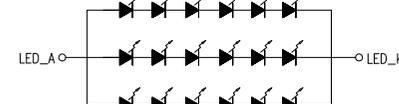
DETAIL A
(SCALE 40:1)



DETAIL B
(SCALE 2:1)



DETAIL C
(SCALE 3:1)



BACKLIGHT CIRCUIT DIAGRAM

TFT PIN DESCRIPTION	
PIN	SYMBOL
1	LED_K
2	LED_A
3	GND
4	VDD
5	RO
6	R1
7	R2
8	R3
9	R4
10	R5
11	R6
12	R7
13	G0
14	G1
15	G2
16	G3
17	G4
18	G5
19	G6
20	G7
21	B0
22	B1
23	B2
24	B3
25	B4
26	B5
27	B6
28	B7
29	GND
30	CLK
31	DISP
32	HSYNC
33	VSYNC
34	DE
35	NC
36	GND
37	NC
38	NC
39	NC
40	NC

CTP PIN DESCRIPTION	
PIN	SYMBOL
1	VSS
2	VCC
3	SCL
4	NC
5	SDA
6	NC
7	/RST
8	NC
9	/INT
10	VSS

MIT MULTI-INNO TECHNOLOGY CO., LTD.

DRAWN BY:	CAROL		MODULE P/N:	
02	UPDATE BACKLIGHT VOLTAGE FROM 19.2V±1.2V TO 16.2V~19.8V	CAROL	2025.11.26	CHECKED BY:
01	FIRST ISSUE	CAROL	2025.03.14	APPROVED BY:
VER.	REVISED DESCRIPTION	REVISER	DATE	VERSION NO:
				02
				SHEET No: 1/1
				SCALE : 1/1
				UNIT: mm
				DESCRIPTION:
				TFT + CTP MODULE