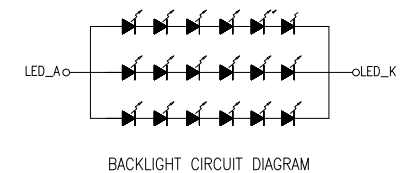
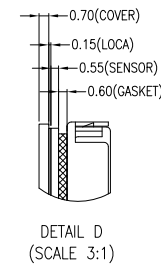
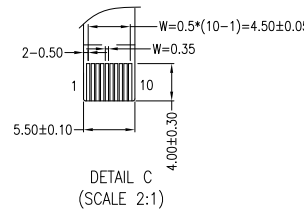
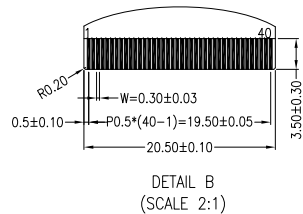
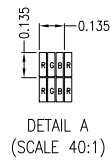
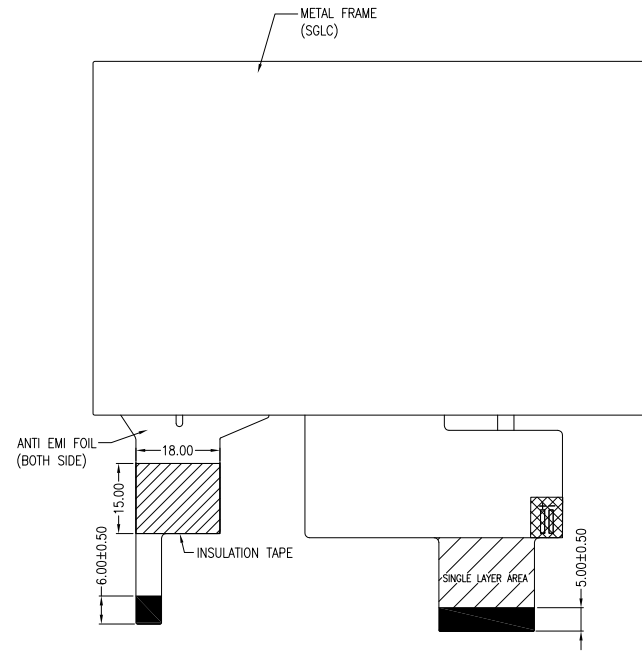
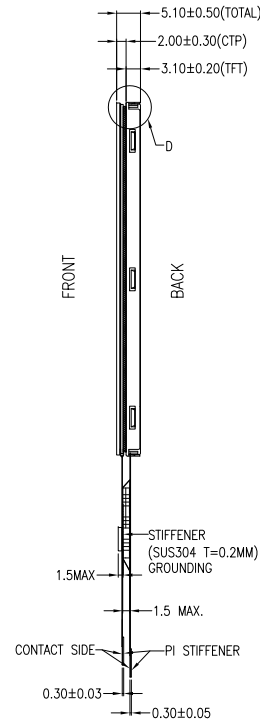
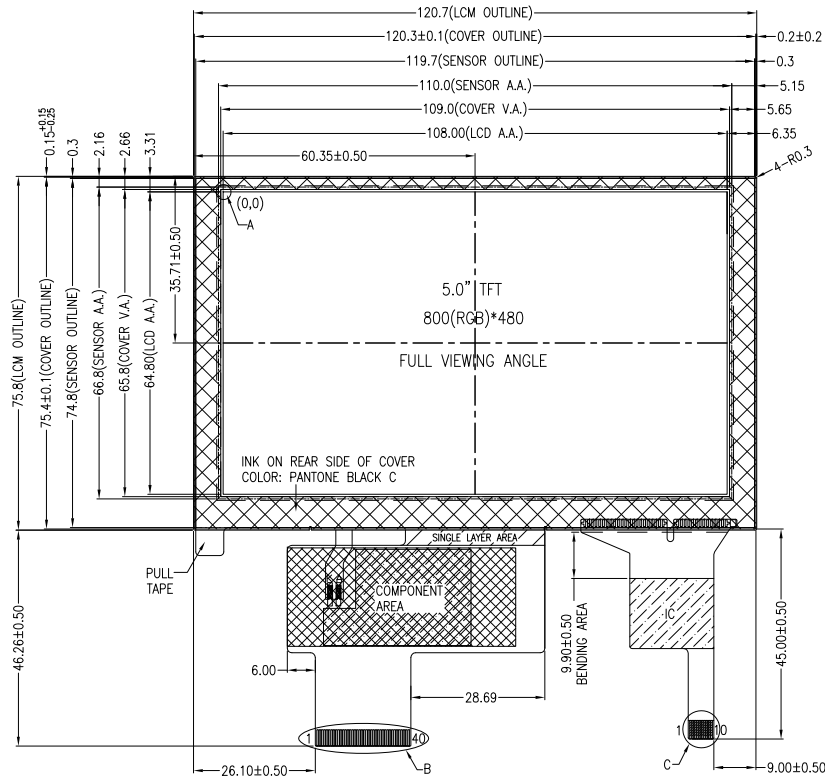


NO MECHANICAL HOUSING TO HOLD THE TFT AND THE TOUCH PANEL ON THIS PRODUCT, SO THE END UNIT'S MECHANICAL DESIGN MUST INCLUDE A HOUSING FOR PREVENTING THE SEPARATION OF THE TFT AND THE TOUCH PANEL.



PIN DESCRIPTION FOR CTP		PIN DESCRIPTION FOR TFT	
PIN	SYMBOL	PIN	SYMBOL
1	VSS	1	NC
2	VCC	2	VDD
3	SCL	3	VDD
4	NC	4	NC(VDDI)
5	SDA	5	RESET
6	NC	6	STBYB
7	/RST	7	GND
8	NC	8	RXIN0-
9	/INT	9	RXIN0+
10	VSS	10	GND
		11	RXIN1-
		12	RXIN1+
		13	GND
		14	RXIN2-
		15	RXIN2+
		16	GND
		17	RXCLK-
		18	RXCLK+
		19	GND
		20	RXIN3-
		21	RXIN3+
		22	GND
		23	NC
		24	NC
		25	GND
		26	NC
		27	NC
		28	SELB
		29	NC
		30	GND
		31	LED_K
		32	LED_K
		33	L/R
		34	U/D
		35	NC
		36	NC
		37	NC
		38	NC
		39	LED_A
		40	LED_A

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-G4-1-H
5. LED BACKLIGHT: 18-CHIP WHITE LED, If=60mA, Vf=18V~20.4V
6. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE
7. RECOMMEND MATCHING CONNECTOR: FH28-40S-0.5SH OR EQUIVALENT

NOTES FOR CTP:

1. 5.0 INCH PROJECTIVE CAPACITIVE TOUCH PANEL
2. COVER GLASS + SENSOR GLASS + FPCC
3. OPERATING VOLTAGE: VCC=IOVCC=3.3V
4. DRIVER IC: FT5446DQS-P03
5. INTERFACE: I²C
6. RESOLUTION: 800*480
7. MULTI FINGER: UP TO 5
8. HARDNESS OF COVER SURFACE: 7H
9. FIRMWARE FILE: MI0500CJP-C6(FT5446DQS-P03)_FIRMWARE_V0B_20201104

NOTES FOR OTHERS:

1. OPERATING TEMP.: -30°C ~ 85°C
2. STORAGE TEMP.: -30°C ~ 85°C
3. SURFACE LUMINANCE: 510 CD/M² (TYP.) WITH CTP
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

Mil MULTI-INNO TECHNOLOGY CO., LTD.

DRAWN BY:	CAROL	2022.05.18		MODULE P/N:
CHECKED BY:			SCALE : 1/1	MI0500AKT-1CP1
APPROVED BY:			UNIT: mm	DESCRIPTION:
VER:	REVISED DESCRIPTION	REVISER	DATE	VERSION NO: 02
			SHEET NO.: 1/1	TFT + CTP MODULE

02	CHANGE THE OPERATING AND STORAGE TEMPERATURE	CAROL	2023.06.12
01	FIRST ISSUE	CAROL	2022.05.18