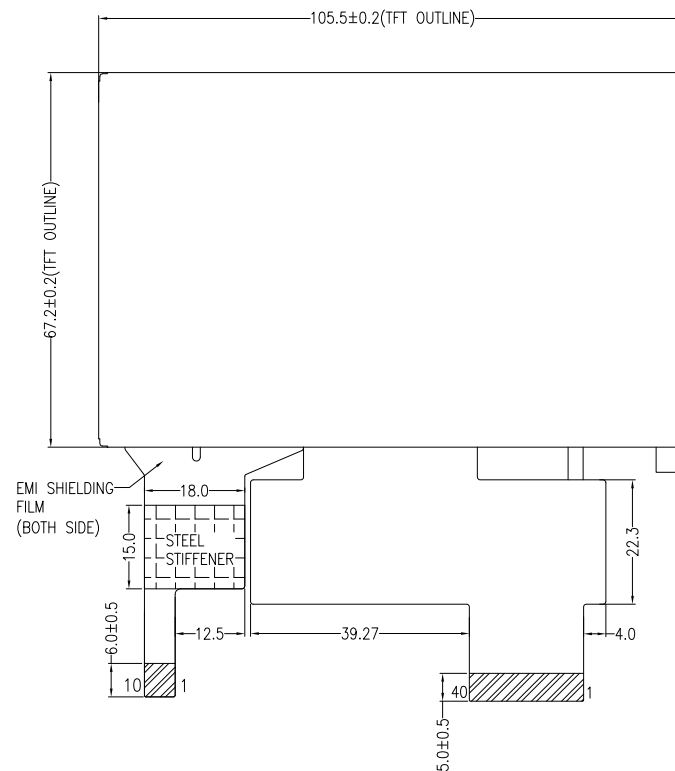
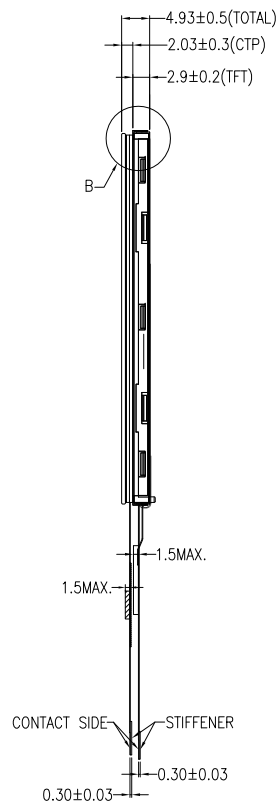
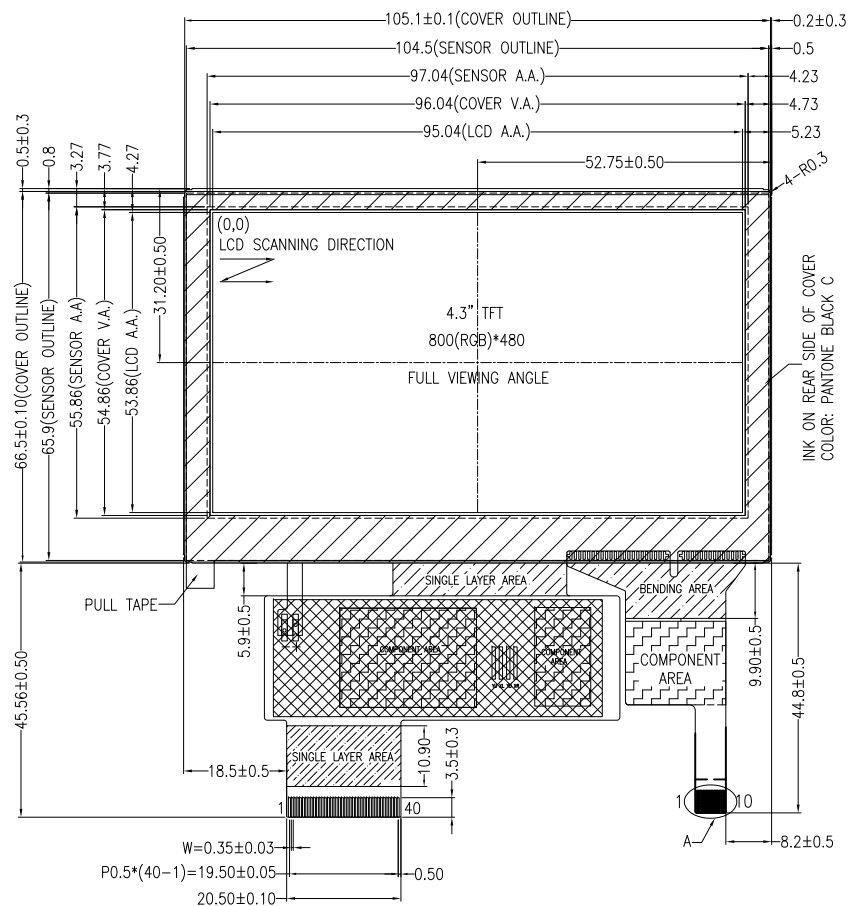


FOR ANY TOUCH PANEL OR OTHER ACCESSORIES ASSEMBLED WITH FRAME GLUE, A PERMANENT AND RELIABLE MECHANICAL STRUCTURE NEEDS TO BE DESIGNED ON CUSTOMER'S WHOLE MACHINE TO HOLD THEM IN PLACE TO AVOID LOOSE.



PIN DESCRIPTION FOR CTP		PIN DESCRIPTION FOR TFT	
PIN	SYMBOL	PIN	SYMBOL
1	VSS	1	NC
2	TP_VDD	2	VDD
3	TP_SCL	3	VDD
4	NC	4	NC
5	TP_SDA	5	RESE
6	NC	6	STBYB
7	TP_RESET	7	GND
8	NC	8	RXIN0-
9	TP_INT	9	RXIN0+
10	VSS	10	GND
		11	RXIN1-
		12	RXIN1+
		13	GND
		14	RXIN2-
		15	RXIN2+
		16	GND
		17	RXCCLK-
		18	RXCCLK+
		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	LEDK
		32	LEDK
		33	L/R
		34	U/D
		35	NC(YU)
		36	NC(XL)
		37	NC(YD)
		38	NC(XR)
		39	LEDA
		40	LEDA

NOTES FOR TFT:

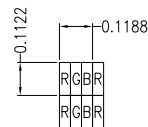
1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY BLACK
2. OPERATING VOLTAGE: VDD=3.3V (TYP.)
3. VIEWING DIRECTION: FULL VIEWING ANGLE
4. DRIVER IC: ST72611
5. BACKLIGHT TYPE: WHITE LED, If=40mA, Vf=14.0V~17.0V
6. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE

NOTES FOR CTP:

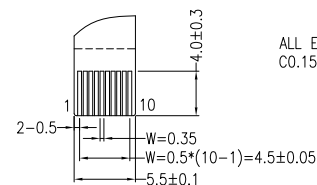
1. 4.3 INCH PROJECTIVE CAPACITIVE TOUCH PANEL
2. COVER GLASS + SENSOR GLASS + FPCA
3. OPERATING VOLTAGE: TP_VDD=3.3V, TP_I0VCC=3.3V 
4. DRIVER IC: FT5446DQS-P03
5. INTERFACE: IIC
6. RESOLUTION: 800*480
7. MULTI-FINGER: UP TO 5
8. HARDNESS OF COVER SURFACE: ≥6H(750g)
9. FIRMWARE FILE:
MI0430CRP-C11-F(FT5446DQS-P03)_FIRMWARE_V10_20200611_ALL.BIN

NOTES FOR OTHERS:

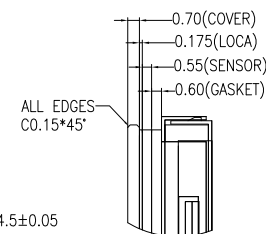
1. OPERATING TEMP.: -20°C ~ 70°C
2. STORAGE TEMP.: -30°C ~ 80°C
3. SURFACE LUMINANCE: 420 CD/M² (TYP.)
4. ONLY THE SINGLE LAYER AREA ON FPC IS BENDABLE AND THE MINIMUM BEND RADIUS IS 1.5MM
5. UNMARKED TOLERANCE: ±0.3MM
6. ROHS COMPLIANT



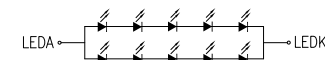
PIXEL DETAIL
(SCALE 100:1)



DETAIL A
(SCALE 2:1)



DETAIL B
(SCALE 3:1)



BACKLIGHT CIRCUIT DIAGRAM



MULTI-INNO TECHNOLOGY CO., LTD.

02	CHANGE THE VOLTAGE OF TP_I0VCC FROM 1.8V TO 3.3V	JERRY	2025.04.14	CHECKED BY:	SCALE : 1/1	MIO430APT-1CP-A	
01	FIRST ISSUE	JERRY	2025.04.07	APPROVED BY:	UNIT: mm		
VER.	REVISED DESCRIPTION	REVISER	DATE	VERSION NO:	02	SHEET NO.: 1/1	DESCRIPTION: TFT + CTP MODULE