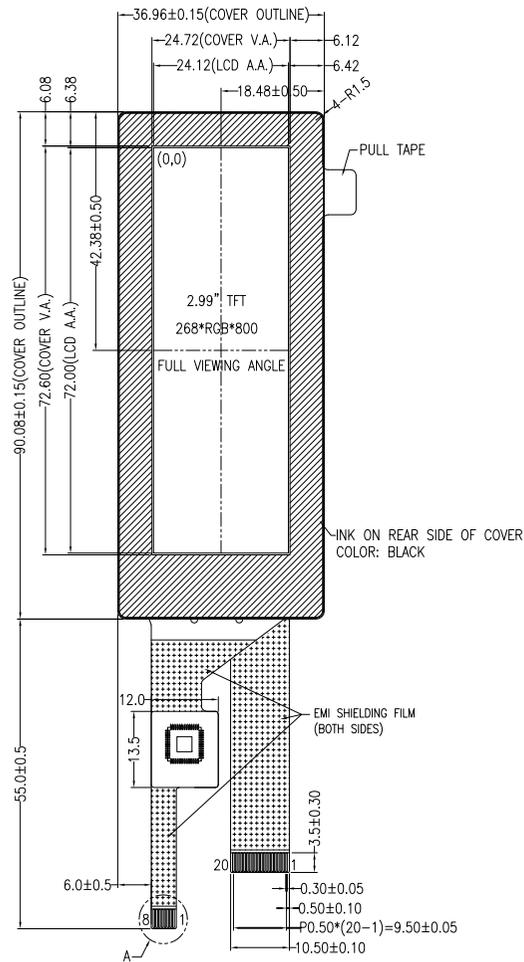


FOR ANY TOUCH PANEL OR OTHER ACCESSORIES ASSEMBLED WITH FRAME GLUE, A PERMANENT AND RELIABLE MECHANICAL STRUCTURE NEEDS TO BE DESIGNED ON CUSTOMER'S WHOLE MACHINE TO HOLD THEM IN PLACE TO AVOID LOOSE.



NOTES FOR TFT:

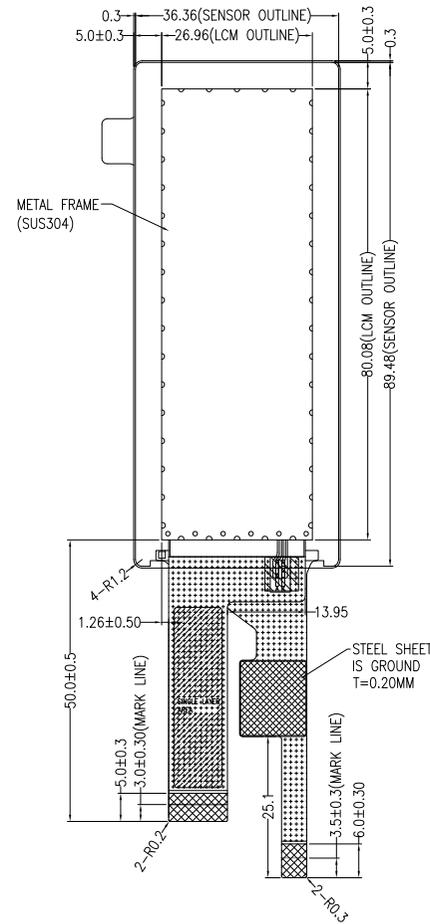
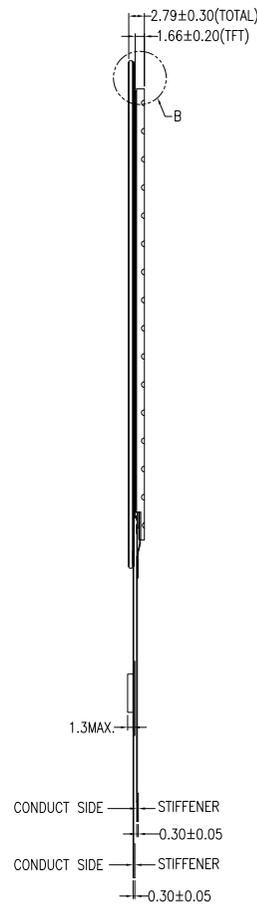
1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY BLACK
2. OPERATING VOLTAGE: VCI=3.3V, IOVCC=1.8V (TYP.)
3. VIEWING DIRECTION: FULL VIEWING ANGLE
4. DRIVER IC: ST7701
5. BACKLIGHT TYPE: WHITE LED, If=20mA, Vf=16.2V~19.8V
6. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE

NOTES FOR OTHERS:

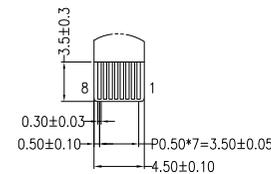
1. OPERATING TEMP: -20°C ~ 70°C
2. STORAGE TEMP: -30°C ~ 80°C
3. SURFACE LUMINANCE: 680 CD/M² (TYP.)
4. ONLY THE SINGLE LAYER AREA ON FPC IS BENDABLE AND THE MINIMUM BEND RADIUS IS 1.5MM
5. UNMARKED TOLERANCE: ±0.2MM
6. ROHS COMPLIANT

NOTES FOR CTP:

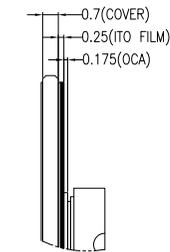
1. 3.0 INCH PROJECTIVE CAPACITIVE TOUCH PANEL
2. COVER GLASS + SENSOR FILM + FPCA
3. OPERATING VOLTAGE: VDD=3.3V
4. DRIVER IC: GT911
5. INTERFACE: IIC
6. RESOLUTION: 268*800
7. MULTI-FINGER: UP TO 5
8. HARDNESS OF COVER SURFACE: ≥6H
9. FIRMWARE FILE: TBD



PIXEL DETAIL (SCALE 100:1)



DETAIL A (SCALE 2:1)



DETAIL B (SCALE 4:1)



BACKLIGHT CIRCUIT DIAGRAM

PIN ASSIGNMENT FOR TFT	
PIN	SYMBOL
1	NC
2	LEDK
3	NC
4	LEDA
5	NC
6	VCI
7	IOVCC
8	TE
9	RESET
10	GND
11	MIPI_D1P
12	MIPI_D1N
13	GND
14	MIPI_CLP
15	MIPI_CLN
16	GND
17	MIPI_DOP
18	MIPI_DON
19	GND
20	GND

PIN ASSIGNMENT FOR CTP	
PIN	SYMBOL
1	VSS
2	NC
3	VDD
4	SCL
5	SDA
6	INT
7	RST
8	VSS

Mit MULTI-INNO TECHNOLOGY CO., LTD.

DRAWN BY: CAROL		MODULE P/N:
CHECKED BY:	SCALE: 1/1	MIO300RT-1CP-F
APPROVED BY:	UNIT: mm	DESCRIPTION:
VERSION NO: 01	SHEET NO: 1/1	TFT + CTP MODULE

01	FIRST ISSUE	CAROL	2025.08.26	APPROVED BY:
VER.	REVISED DESCRIPTION	REVISER	DATE	VERSION NO:
				01