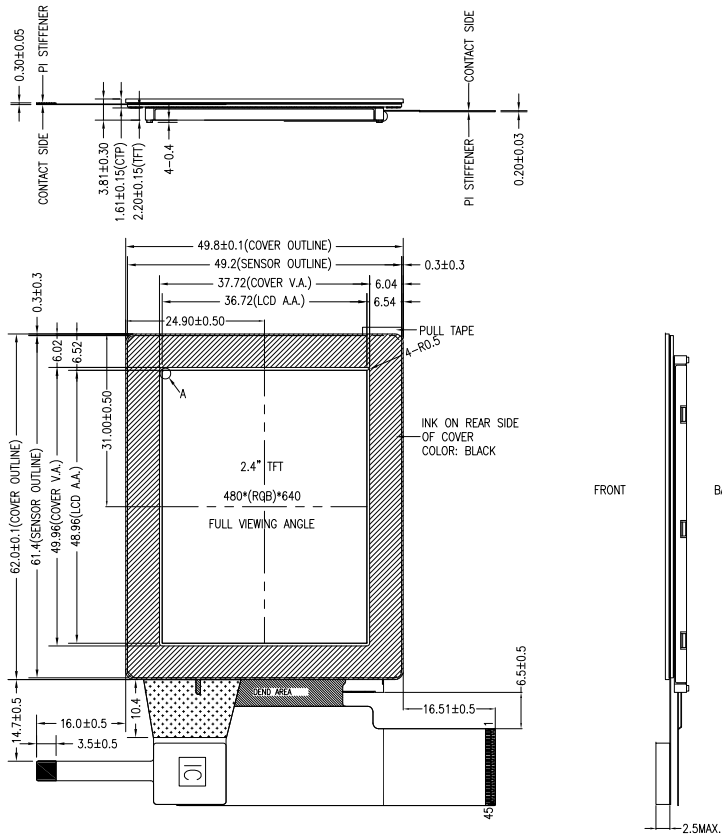


NO MECHANICAL HOUSING TO HOLD THE TFT AND THE TOUCH PANEL ON THIS PRODUCT, SO THE END UNIT'S MECHANICAL DESIGN MUST INCLUDE A HOUSING FOR PREVENTING THE SEPARATION OF THE TFT AND THE TOUCH PANEL.



NOTES FOR TFT:

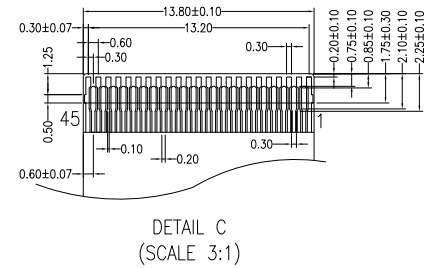
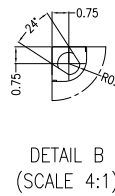
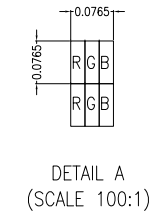
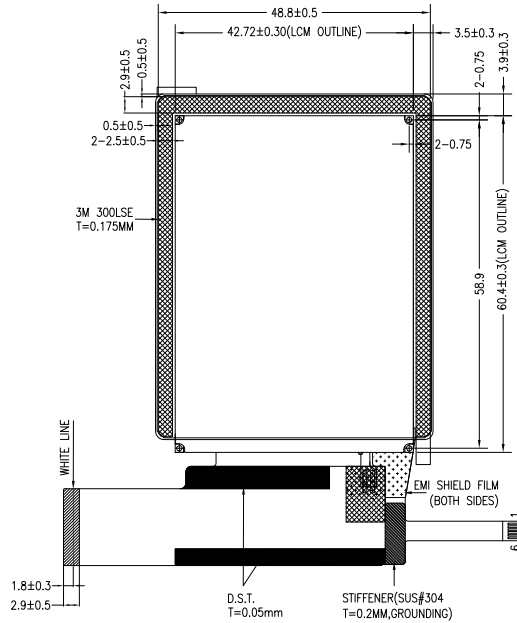
1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY BLACK
2. OPERATING VOLTAGE: VCI=2.8V (TYP.), IOVCC=1.8V (TYP.)
3. VIEWING DIRECTION: FULL VIEWING ANGLE
4. DRIVER IC: ST7701
5. LED BACKLIGHT: WHITE LED, If=20mA, Vf=11.2V~13.6V
6. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE
7. RECOMMEND MATCHING CONNECTOR: HRS FH35C-45S-0.35H OR EQUIVALENT

NOTES FOR COVER:

1. 2.4 INCH PROJECTIVE CAPACITIVE TOUCH PANEL
2. COVER GLASS + SENSOR GLASS + FPCA
3. OPERATING VOLTAGE: VDD=2.8V~3.3V
4. DRIVER IC: GT1151QM
5. INTERFACE: I<sup>2</sup>C
6. RESOLUTION: 480\*640
7. MULTI FINGER: UP TO 5
8. HARDNESS OF COVER SURFACE: ≥6H
9. FIRMWARE FILE: TBD

NOTES FOR OTHERS:

1. OPERATING TEMP.: -20°C ~ 70°C
2. STORAGE TEMP.: -30°C ~ 80°C
3. SURFACE LUMINANCE: 440 CD/M<sup>2</sup> (TYP.)
4. ONLY THE SINGLE LAYER AREA ON FPC IS BENDABLE AND THE MINIMUM BEND RADIUS IS 1.5MM
5. GENERAL TOLERANCE: ±0.2MM
6. ROHS COMPLIANT



LED+(A) LED-(K)

BACKLIGHT CIRCUIT DIAGRAM

PIN ASSIGNMENT FOR LCM			
PIN	SYMBOL	PIN	SYMBOL
1	GND	24	NC
2	IOVCC	25	NC
3	GND	26	TE
4	MIPL_D1P	27	ID
5	MIPL_D1N	28	NC
6	GND	29	NC
7	MIPL_CLKP	30	RESET
8	MIPL_CLKN	31	GND
9	GND	32	VCI
10	MIPL_D0P	33	GND
11	MIPL_D0N	34	GND
12	GND	35	GND
13	NC	36	LED+
14	NC	37	LED-
15	NC	38	GND
16	NC	39	GND
17	NC	40	GND
18	NC	41	GND
19	NC	42	NC
20	NC	43	NC
21	NC	44	NC
22	NC	45	NC
23	NC		

PIN ASSIGNMENT FOR CTP	
PIN	SYMBOL
1	VSS
2	VDD
3	SCL
4	SDA
5	INT
6	RESET



MULTI-INNO TECHNOLOGY CO., LTD.

DRAWN BY:	RITA	2023.10.11		MODULE P/N:
CHECKED BY:			SCALE : 1/1	MI0240ALT-1CP
APPROVED BY:			UNIT: mm	DESCRIPTION:
VERSION NO:	01		SHEET NO.: 1/1	TFT + CTP MODULE

01	FIRST ISSUE	RITA	2023.10.11
VER.	REVISED DESCRIPTION	REVISOR	DATE