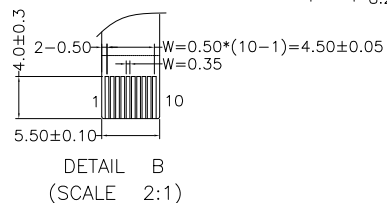
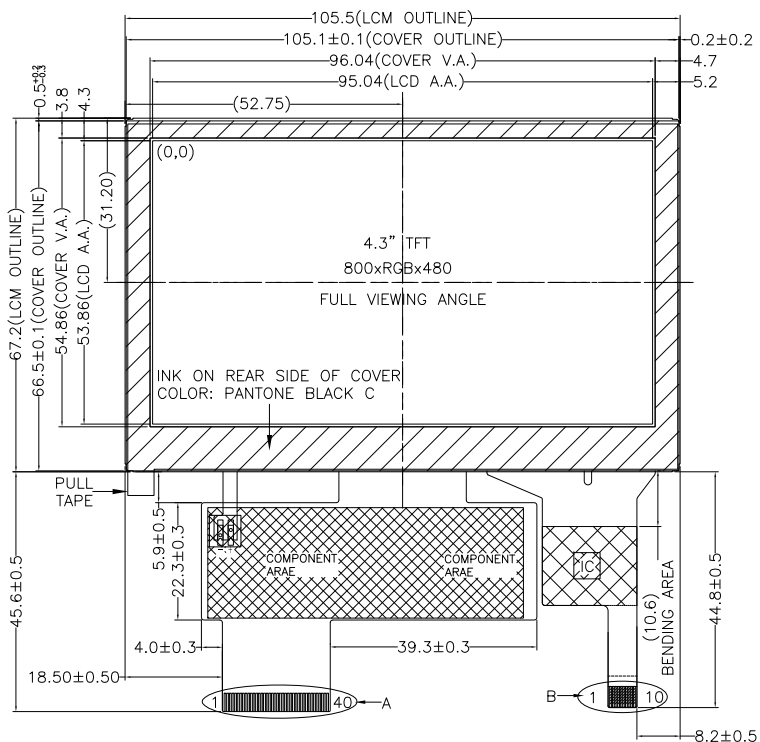


NO MECHANICAL HOUSING TO HOLD THE TFT AND THE TOUCH PANEL ON THIS PRODUCT, SO THE END UNIT'S MECHANICAL DESIGN MUST INCLUDE A HOUSING FOR PREVENTING THE SEPARATION OF THE TFT AND THE TOUCH PANEL.



NOTES FOR TFT:

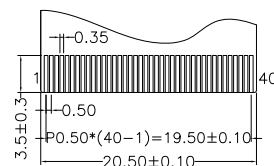
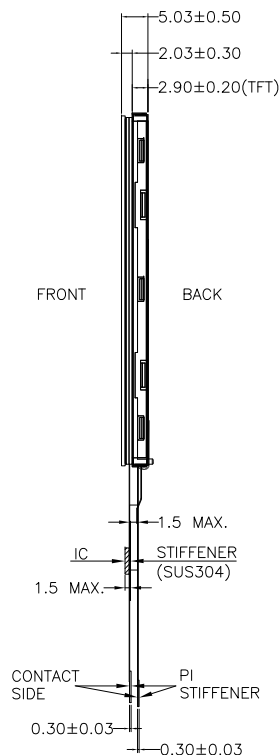
1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY BLACK
2. OPERATING VOLTAGE: VDD=3.3V (TYP.)
3. VIEWING DIRECTION: FULL VIEWING ANGLE
4. DRIVER IC: HX8264D03 + HX8664B
5. LED BACKLIGHT: 10-CHIP WHITE LED, If=40mA, Vf=14.0V~17.0V
6. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE
7. RECOMMEND MATCHING CONNECTOR: HRS FH28-40S-0.5SH OR EQUIVALENT

NOTES FOR OTHERS:

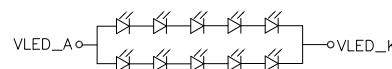
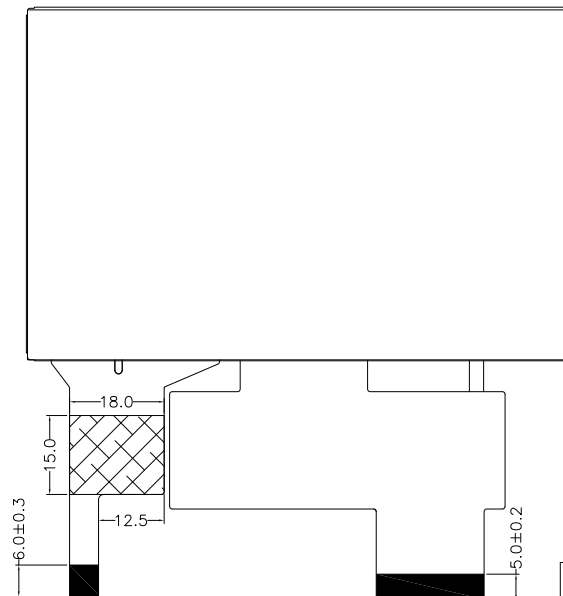
1. OPERATING TEMP.: -30°C ~ 85°C
2. STORAGE TEMP.: -40°C ~ 85°C
3. SURFACE LUMINANCE: 420 CD/M<sup>2</sup> (TYP.)
4. ONLY THE SINGLE LAYER AREA ON FPC IS BENDABLE AND THE MINIMUM BEND RADIUS IS 1.5MM
5. GENERAL TOLERANCE: ±0.2MM
6. ROHS COMPLIANT

NOTES FOR CTP:

1. 4.3 INCH PROJECTIVE CAPACITIVE TOUCH PANEL
2. COVER GLASS + SENSOR GLASS + FPCA
3. OPERATING VOLTAGE: VCC=IOVCC=3.3V
4. DRIVER IC: FT5446-P03
5. INTERFACE: I<sup>2</sup>C
6. RESOLUTION: 800\*480
7. MULTI FINGER: UP TO 5
8. HARDNESS OF COVER SURFACE: 7H
9. FIRMWARE FILE: MI0430CRP-C11-F(FT5446-P03)\_FIRMWARE\_V10\_20200611\_ALL.BIN



DETAIL A (SCALE 4:1)



BACKLIGHT CIRCUIT DIAGRAM

PIN ASSIGNMENT FOR LCM

PIN	SYMBOL
1	VLED_K
2	VLED_A
3	GND
4	VDD
5	R0
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

PIN ASSIGNMENT FOR CTP

PIN	SYMBOL	30	DCLK
1	VSS	31	DISP
2	VCC	32	HSYNC
3	SCL	33	VSYS
4	NC	34	DE
5	SDA	35	NC
6	NC	36	GND
7	/RST	37	NC
8	NC	38	NC
9	/INT	39	NC
10	VSS	40	NC

**MIL** MULTI-INNO TECHNOLOGY CO.,LTD.

DRAWN BY:	RITA	2020.09.02		MODULE P/N:	MI0430BFT-1CP
CHECKED BY:			SCALE : 1/1	DESCRIPTION:	TFT + CTP MODULE
APPROVED BY:			UNIT: mm		
VERSION NO:	02		SHEET NO.: 1/1		

02	CHANGE THE OPERATING TEMPERATURE AND STORAGE TEMPERATURE ADD THE CTP FIRMWARE VERSION NUMBER	RITA	2023.04.26
01	FIRST ISSUE	RITA	2020.09.02
VER.	REVISED DESCRIPTION	REVISOR	DATE