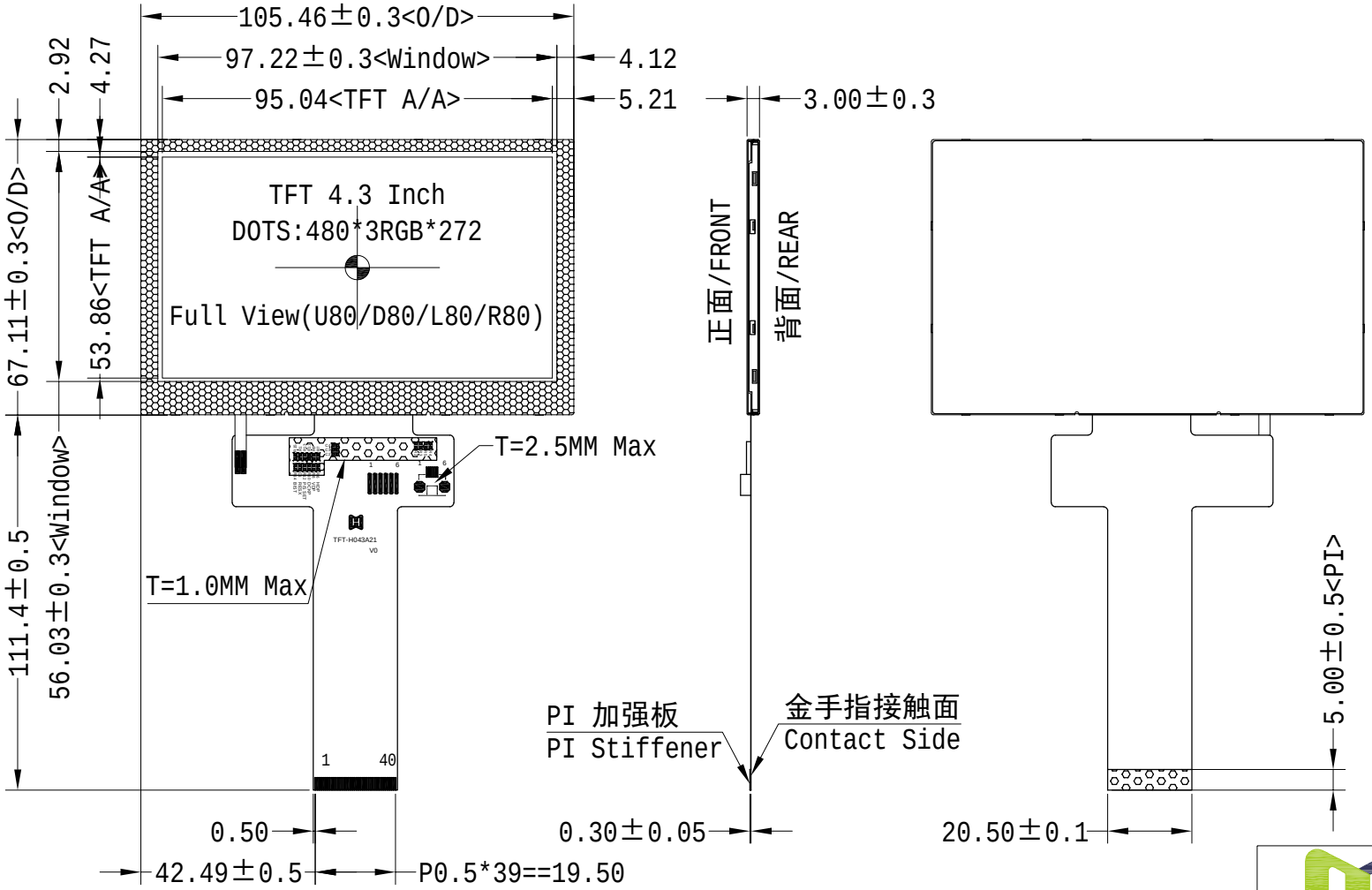
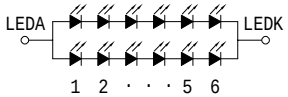
***为防止LCD产生图像残留，在使用常黑面板时不要长时间显示固定图案。如果LCD需要显示固定图案，建议时间少于 2 分钟或者更短的时间内刷新显示内容一次或多次。
***In order to prevent the LCD from producing image retention, do not display a fixed pattern for a long time when using a normally black panel.If the LCD needs to display a fixed pattern, it is recommended to refresh the display one or more times in less than 2 minutes or less.
强烈建议使用黑色图像或移动图像作为屏幕保护程序。It is strongly recommended to use a black image or moving image as a screen saver.



Pin_SIGNAL		Pin_SIGNAL	
1	LEDK	21	DB0
2	LEDA	22	DB1
3	GND	23	DB2
4	VCI	24	DB3
5	DR0	25	DB4
6	DR1	26	DB5
7	DR2	27	DB6
8	DR3	28	DB7
9	DR4	29	GND
10	DR5	30	PCLK
11	DR6	31	DISP
12	DR7	32	HSD
13	DG0	33	VSD
14	DG1	34	DEN
15	DG2	35	CTP-VDD
16	DG3	36	GND
17	DG4	37	XR/INT
18	DG5	38	YD/SDA
19	DG6	39	XL/SCL
20	DG7	40	YU/RTN

液晶显示类型 LCD Display Type	薄膜晶体管/透射式/常黑/16.7M 色 TFT/Transmissive/Normally Black/16.7M COLOR		
观看方向/角度 Viewing Diretion	Full View(U80/D80/R80/L80)	TFT 储存温度 TFT Storage Temp	-30 ℃ ～ 85 ℃
接口 Interface	8-bit and 24-bit RGB interface support	驱动芯片 Driver IC	SC7283
工作电压 Operating Voltage	VCI=3.3V(Typ)	背光 Backlight	白色/12 LEDs/6灯串联2路并联
TFT 工作温度 TFT Operating Temp	-30 ℃ ～ 80 ℃	液晶模组亮度 LCM Brightness	1000 cd/m² (Typ)/固定电流测试



Vf=8.7 ～ 10.2V,If=120mA
Constant Current Test

HOTHMI

产品型号 Product model	TFT-H043A21WQISTKN40		
比例 Scale 1:1	设计制图 Design Liu.YL	日期 Date 2022-08-23	
版本 Ver V0-0	单位 Unit MM	公差 Tol. ±0.3	