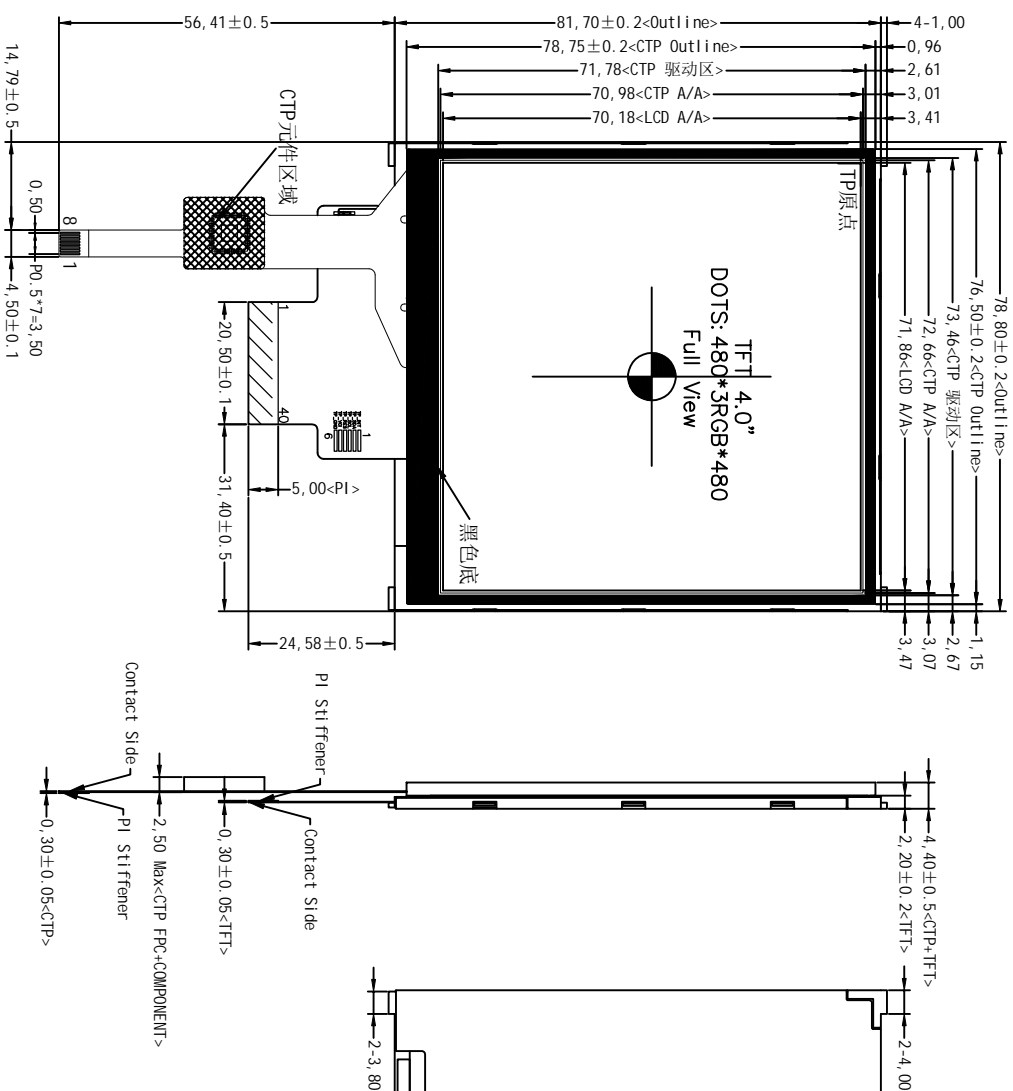


\*\*\* Do not display the fixed pattern for a long time when using a normally black panel, as it may cause image sticking due to the LCM structure. If the screen is displayed in fixed mode, use a screen saver. It is recommended to display the fixed mode in less than 2 minutes or less.

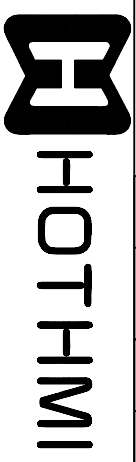
\*TFT FPC default: RGB 18 bit + SPI 3L\_9 bits/Fail



CTP_PIN	SIGNAL
1	GND
2	NC
3	VCC
4	SCL
5	SDA
6	INT
7	RESX
8	GND

PIN NO.	SIGNAL	PIN NO.	SIGNAL
1	LEDA	21	DB5
2	LEDK	22	DB6
3	LEDK	23	DB7
4	GND	24	DB8
5	VCI	25	DB9
6	RESET	26	DB10
7	NC	27	DB11
8	NC	28	DB12
9	SDA	29	DB13
10	SCL	30	DB14
11	CS	31	DB15
12	DCLK	32	DB16
13	DEN	33	DB17
14	VSD	34	GND
15	HSD	35	NC/TP_INT
16	DB0	36	NC/TP_SDA
17	DB1	37	NC/TP_SCL
18	DB2	38	NC/TP_RES
19	DB3	39	NC/TP_VCC
20	DB4	40	NC/TP_GND

*1. LCD Display Type	TFT, Transmissive, Normally Black
*2. Viewing Direction	Full View(UB0/DB0/LB0/RB0)
*3. Interface	RGB 16/18 bit + SPI 3L(8/9/16 bit)
*4. Operating Voltage	VCI=2.8V, CTP_VCC=3.3V(Typ)
*5. Operating Temp	-20° C~70° C
*6. Storage Temp	-30° C~80° C
*7. Driver IC	ST7701S(TFT),GT9157(CTP)
*8. Backlight	WHITE VF=3.2V, IF=160mA(Typ)
*9. LCM Brightness	300 cd/m <sup>2</sup> (Typ)



Hot Title: TFT-H040A1PVI ST3C40

Scale	1:1	Unit	mm	Tol.	±0.3
Ver:	A/0	Drawn:	Li u	Date:	2019-09-18