

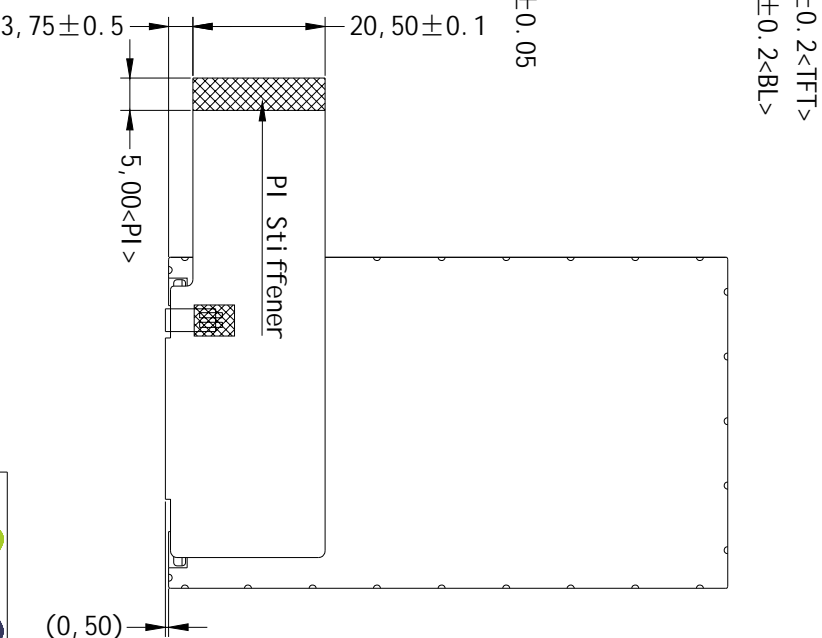
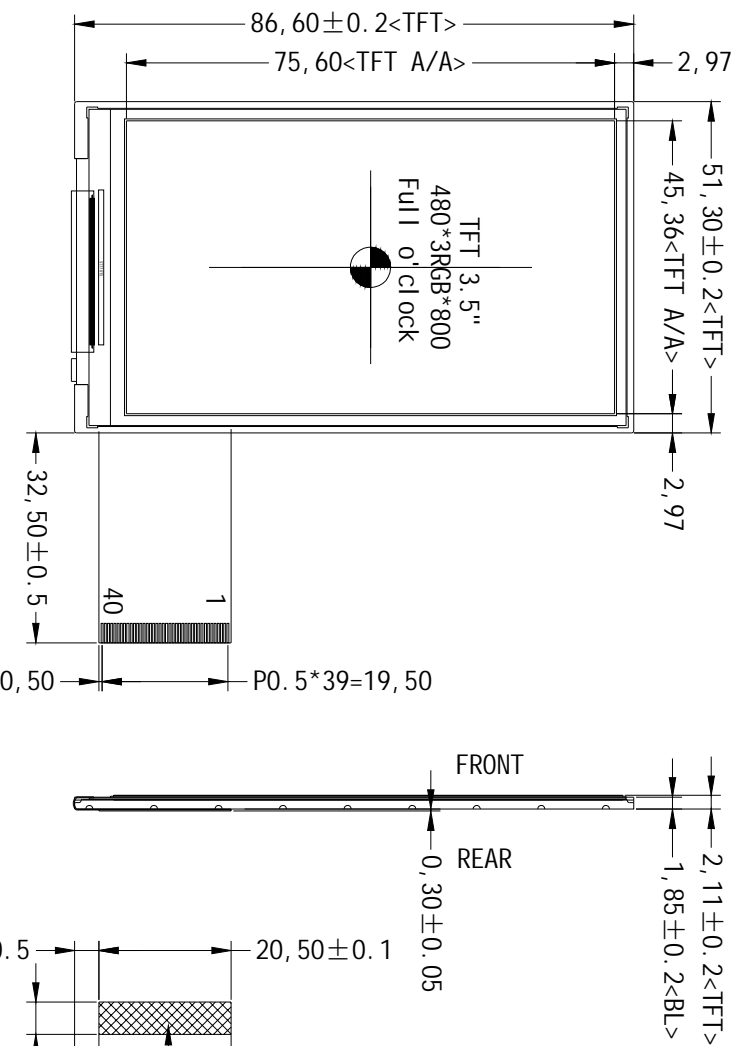
*** Do not display the fixed pattern for a long time when using a normally black panel, as it may cause image sticking due to the LCM structure. If the screen is displayed in fixed mode, use a screen saver. It is recommended to display the fixed mode in less than 2 minutes or less.

IMD	MPU Interface Mode
0	RGB +9b_SPL (Fail)
1	RGB +16b_SPL (ri se)

*Note1: 24-bit/pixel, Use DB[0:7], DG[0:7], DR[0:7]

*Note2: 18-bit/pixel, Use DB[0:5], DG[0:5], DR[0:5]. Fix to GND when not in use.

*Note3: 16-bit/pixel, Use DB[0:4], DG[0:5], DR[0:4]. Fix to GND when not in use.



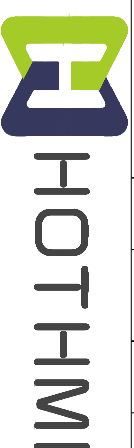
PIN_SIGNAL	PIN_SIGNAL
1	LED_K
2	LED_A
3	GND
4	VCI
5	DR0
6	DR1
7	DR2
8	DR3
9	DR4
10	DR5
11	DR6
12	DR7
13	DG0
14	DG1
15	DG2
16	DG3
17	DG4
18	DG5
19	DG6
20	DG7
21	DB0
22	DB1
23	DB2
24	DB3
25	DB4
26	DB5
27	DB6
28	DB7
29	GND
30	PCLK
31	NC
32	HSD
33	VSD
34	DEN
35	IMD
36	GND
37	RESX
38	SPL_CS
39	SPL_SCL
40	SPL_SDA

屏状态	亮度cd/m ²
普通屏	350 ± 75
高亮屏	550 ± 75



VF=19.6-23.8V, IF=20mA
Constant Current Test

Item	Parameter	Value
*1.	LCD Display Type	TFT/Transmissive/Normally Black/16.7M Color
*2.	Viewing Direction	Full Viewing(U80/D80/R80/L80)
*3.	Interface	RGB +9b_SPL (Fail)/16b_SPL (ri se)
*4.	Operating Voltage	10VCC=1.8V, VCI=3.3V<TFT>
*5.	Operating Temp	-20° C-60° C
*6.	Storage Temp	-30° C-80° C
*7.	Driver IC	ST7701S或者兼容IC
*8.	Backlight	WHITE VF=21.0V, IF=20mA(TYP)
*9.	LCM Brightness	350或550 cd/m ² (Typ)



TFT-H035A7WV1ST3N40

Scale	1:1	Unit	MM	Tol.	±0.3
Ver.	V0	Drawn.	Li.u.YL	Date:	2021-02-26