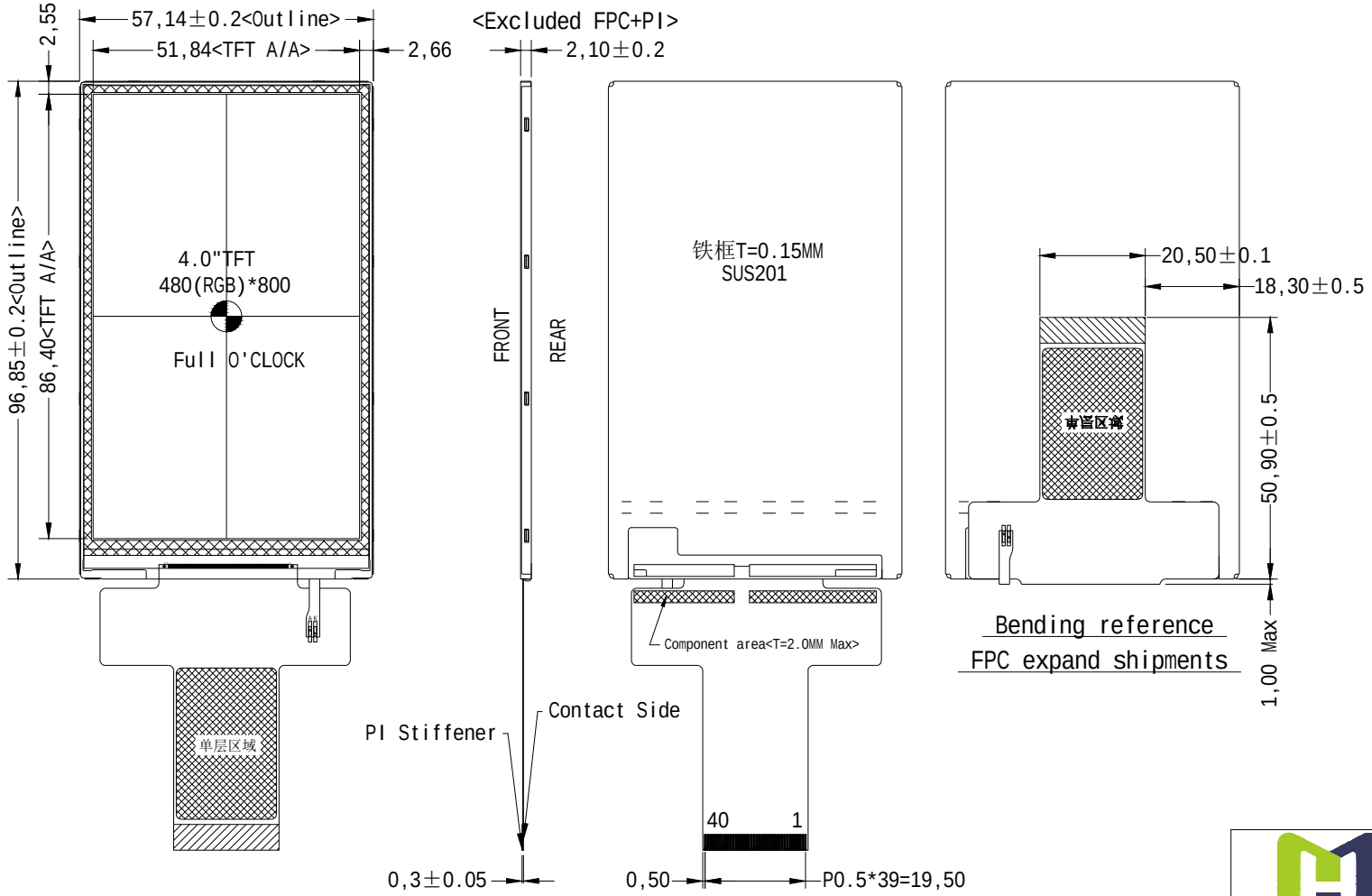
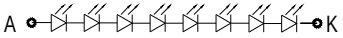
*** Do not display the fixed pattern for a long time when using a normally black panel, as it may cause image sticking due to the LCM structure. If the screen is displayed in fixed mode, use a screen saver.It is recommended to display the fixed mode in less than 2 minutes or less.



PIN_SIGNAL		PIN_SIGNAL	
1	GND	21	DB15
2	CS	22	NC
3	RS	23	NC
4	WR	24	RESX
5	RD	25	GND
6	DB0	26	NC
7	DB1	27	NC
8	DB2	28	NC
9	DB3	29	NC
10	DB4	30	GND
11	DB5	31	IOVCC
12	DB6	32	VCI
13	DB7	33	NC
14	DB8	34	NC
15	DB9	35	NC
16	DB10	36	NC
17	DB11	37	NC
18	DB12	38	NC
19	DB13	39	NC
20	DB14	40	NC

*1. LCD Display Type	TFT/Transmissive/Normally Black/16.7M color		
*2. Viewing Diretion	Full O'CLOCK(U80/D80/L80/R80)	*6. Storage Temp	-30° C~80° C
*3. Interface	MCU 16 BIT	*7. Driver IC	NT35510S
*4. Operating Voltage	VCI=2.8V,IOVCC=1.8V(Typ)	*8. Backlight	WHITE Vf=25.6V If=20mA(Typ)
*5. Operating Temp	-20° C~70° C	*9. LCM Brightness	400 cd/m^2 (Typ)



BL CIRCUIT DIAGRAM:
Vf=25.6V,If=20mA

HOTHMI

Dwg Title: TFT-H040A7WVINT4N40			
Scale 1:1	Unit mm	Tol. ±0.3	
Ver: V0	Drawn: Liu	Date: 2020-11-27	