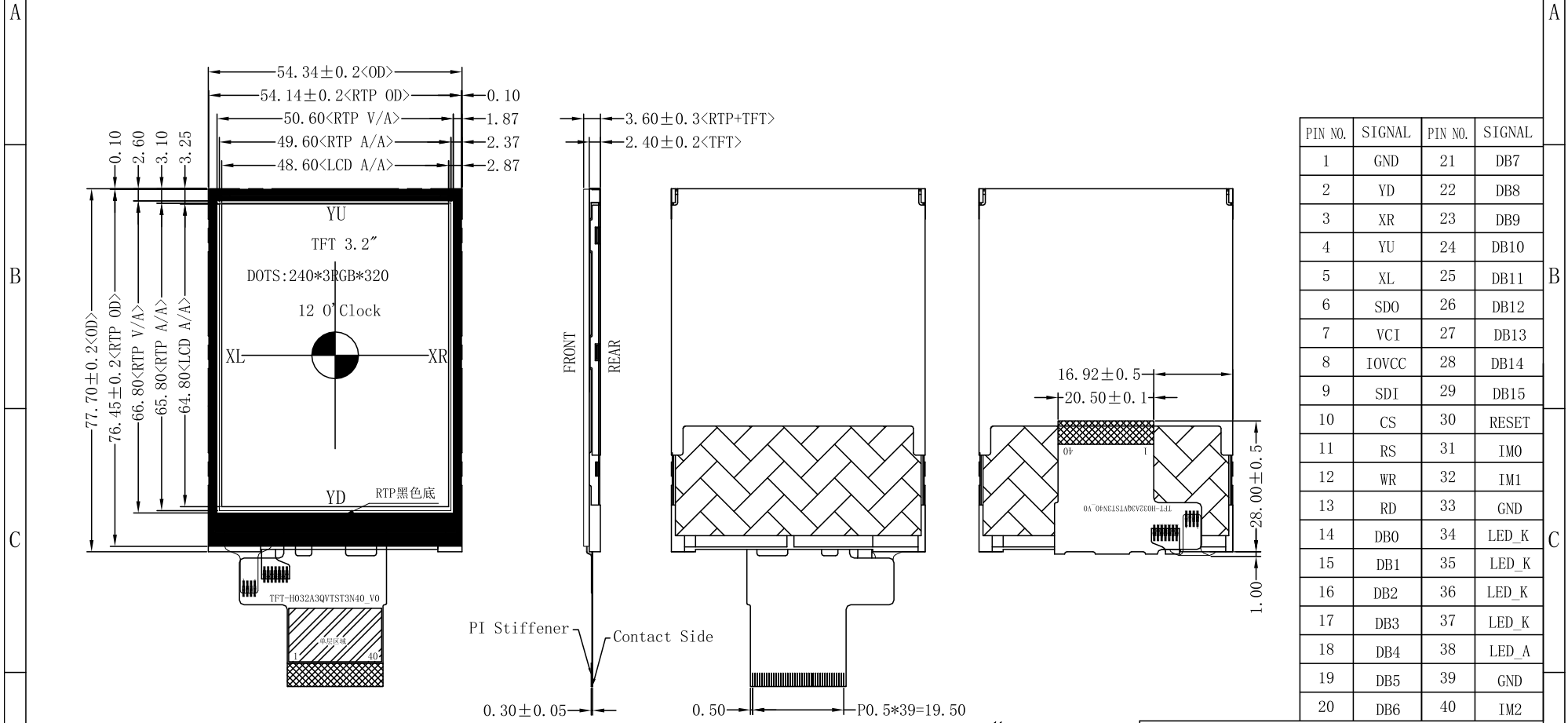


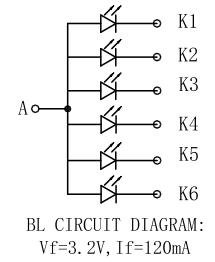
\*\*\* Do not display the fixed pattern for a long time when using a normally black panel, as it may cause image sticking due to the LCM structure. If the screen is displayed in fixed mode, use a screen saver. It is recommended to display the fixed mode in less than 2 minutes or less.



PIN NO.	SIGNAL	PIN NO.	SIGNAL
1	GND	21	DB7
2	YD	22	DB8
3	XR	23	DB9
4	YU	24	DB10
5	XL	25	DB11
6	SDO	26	DB12
7	VCI	27	DB13
8	IOVCC	28	DB14
9	SDI	29	DB15
10	CS	30	RESET
11	RS	31	IM0
12	WR	32	IM1
13	RD	33	GND
14	DB0	34	LED_K
15	DB1	35	LED_K
16	DB2	36	LED_K
17	DB3	37	LED_K
18	DB4	38	LED_A
19	DB5	39	GND
20	DB6	40	IM2

\*Note: MCU interface mode selection by Pin IM2-IM0

*1. LCD Display Type	TFT, Transmissive, Normally White	*6. Storage Temp	-30° C~80° C
*2. Viewing DIRECTION	12 0' CLOCK (U45/D20/L45/R45)	*7. Driver IC	ST7789V
*3. Interface	MCU 8/16 / SPI_3L/SPI_4L	*8. Backlight	WHITE Vf=3.2V If=120mA(Typ)
*4. Operating Voltage	VCI=2.8V, IOVCC=1.8V(Typ)	*9. LCM Brightness	350 cd/m <sup>2</sup> (Typ)
*5. Operating Temp	-20° C~70° C		



Dwg Title: TFT-H032A3QVTST3R40			
Scale: 1:1	Unit: mm	Tol: ±0.3	
Ver: V0	Drawn: Liu	Date: 2019-09-12	