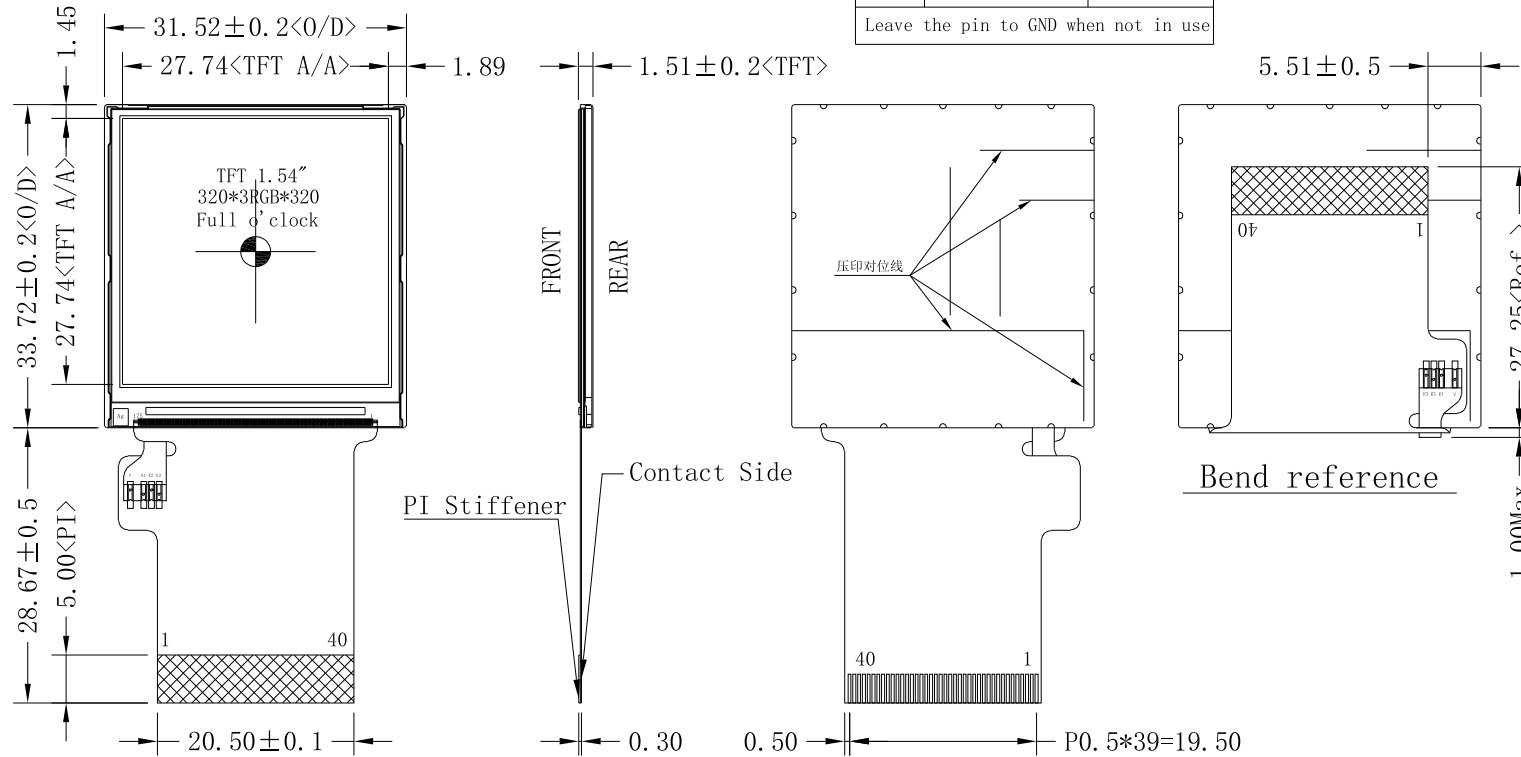


*** Do not display the fixed pattern for a long time when using a normally black panel, as it may cause image sticking due to the LCM structure. If the screen is displayed in fixed mode, use a screen saver. It is recommended to display the fixed mode in less than 2 minutes or less.

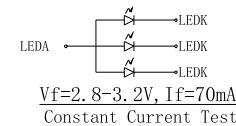
IMO	Interface	Data pin
GND	8080 16-bit	DB[15:0]
IOVCC	8080 8-bit	DB[7:0]
Leave the pin to GND when not in use		



PIN_SIGNAL		PIN_SIGNAL	
1	GND	21	DB7
2	NC	22	DB8
3	NC	23	DB9
4	NC	24	DB10
5	NC	25	DB11
6	NC	26	DB12
7	VCI	27	DB13
8	IOVCC	28	DB14
9	NC	29	DB15
10	CS	30	RESX
11	RS	31	IMO
12	WR	32	NC
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	VPP

Update Operating temperature is -30~+70° C \triangle

*1. LCD Display Type	TFT/Transmissive/262K color/Normally Black/16.7M color		
*2. Viewing Direction	Full O'Clock (U80/D80/L80/R80)	*6. Storage Temp	-30° C~80° C
*3. Interface	8080 8/16 Bit	*7. Driver IC	ST7796
*4. Operating Voltage	VCI=2.8V, IOVCC=1.8V(Typ)	*8. Backlight	3 white LEDs in parallel
*5. Operating Temp	-30° C~70° C \triangle	*9. LCM Brightness	750 cd/m ² (Typ)



Dwg Title: TFT-H015A4HQIST7N40			
Scale: 1:1	Unit: mm	Tol: ±0.3	
Ver: V1	Drawn: Liu.YL	Date: 2021-01-13	