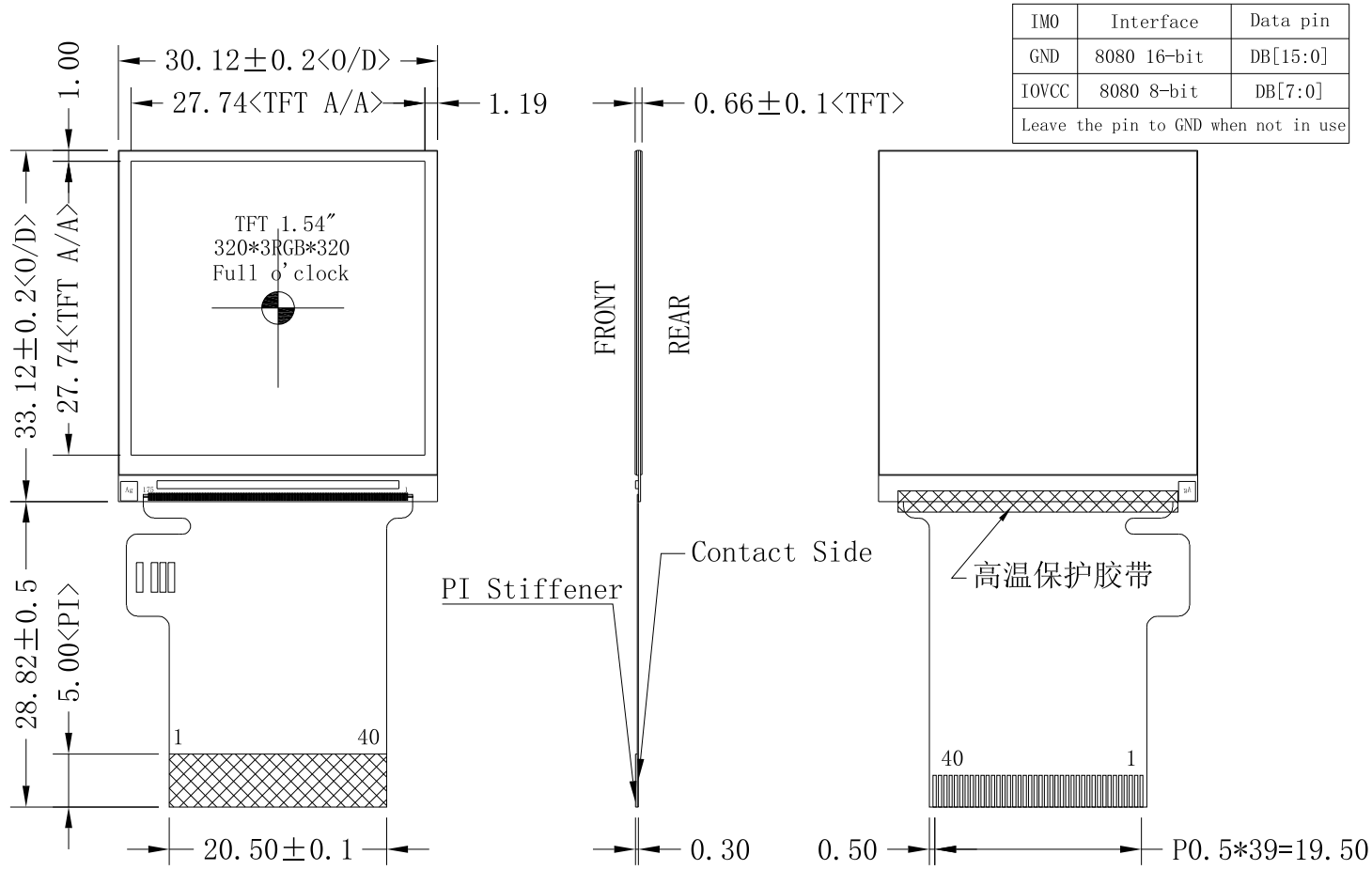


*** Do not display the fixed pattern for a long time when using a normally black panel, as it may cause image sticking due to the LCM structure. If the screen is displayed in fixed mode, use a screen saver. It is recommended to display the fixed mode in less than 2 minutes or less.




IM0	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	IM0
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 $-30^{\circ}\text{C} \sim +70^{\circ}\text{C}$

*1. LCD Display Type	TFT/Transmissive/262K color/Normally Black/16.7M color		
*2. Viewing Direction	Full 0' Clock (U80/D80/L80/R80)	*6. Storage Temp	$-30^{\circ}\text{C} \sim 80^{\circ}\text{C}$
*3. Interface	8080 8/16 Bit	*7. Driver IC	ST7796
*4. Operating Voltage	VCI=2.8V, IOVCC=1.8V(Typ)	*8. Backlight	0 white LEDs in parallel
*5. Operating Temp	$-30^{\circ}\text{C} \sim 70^{\circ}\text{C}$	*9. LCM Brightness	0 cd/m ² (Typ)



Dwg Title: **FOG-H015A4HQIST7N40**

Scale: 1:1 Unit: mm Tol: ±0.3

Ver: V1 Drawn: Liu.YL Date: 2021-01-13