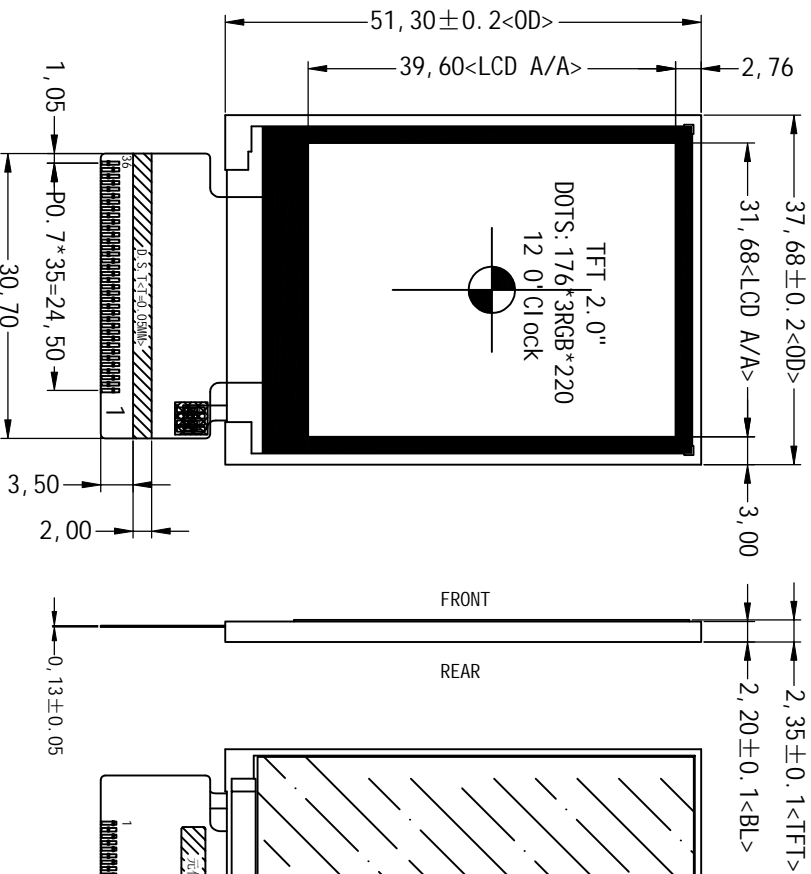


\*\*\* Do not display the fixed pattern for a long time when using a normally black panel, as it may cause image sticking due to the LCM structure. If the screen is displayed in fixed mode, use a screen saver. It is recommended to display the fixed mode in less than 2 minutes or less.

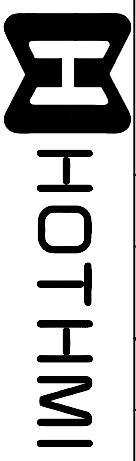
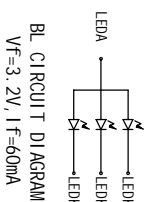


IM2	IM0	MPU Interface Mode	DB Pin in use
GND	I/OVCC	I80-system 8-bit interface	DB[8-15]
GND	GND	I80-system 16-bit interface	DB[0-15]
I/OVCC	I/OVCC	8-bit 4 wires SPI	SDA, SCL, CS
I/OVCC	GND	9-bit 3 wires SPI	SDA, SCL, CS, D/CX

Unused pins must be fixed GND level.

Pin_SIGNAL	Pin_SIGNAL	Pin_SIGNAL	
1	DB15	21	WR/SCL
2	DB14	22	D/CX
3	DB13	23	CS
4	DB12	24	RESX
5	DB11	25	NC
6	DB10	26	GND
7	DB9	27	LEDA
8	DB8	28	LEDK
9	GND	29	LEDK
10	DB7	30	LEDK
11	DB6	31	SDA
12	DB5	32	IM2
13	DB4	33	IM0
14	DB3	34	SD0
15	DB2	35	GND
16	DB1	36	NC
17	DB0		
18	I/OVCC		
19	VCI		
20	RD		

Item	Specification	Item	Specification
*1. LCD Display Type	TFT, Transmissive, Normally White	*6. Storage Temp	-30° C-80° C
*2. Viewing Direction	12 0° Clock (U45/D60/L60/R60)	*7. Driver IC	ILI9225G
*3. Interface	I80-system MCU 8/16 and SPI_3L/4L	*8. Backlight	WHITE VF=3.2V I F=60mA(Typ)
*4. Operating Voltage	VCI=2.8V, I/OVCC=1.8V(Typ)	*9. LCM Brightness	220 cd/m <sup>2</sup> (Typ)
*5. Operating Temp	-20° C-70° C		



Hot Title: TFT-H020A20CT1L2N36

Scale	1:1	Unit	mm	Tol.	±0.3
Ver.	V0	Drawn	Liu	Date	2020-03-13