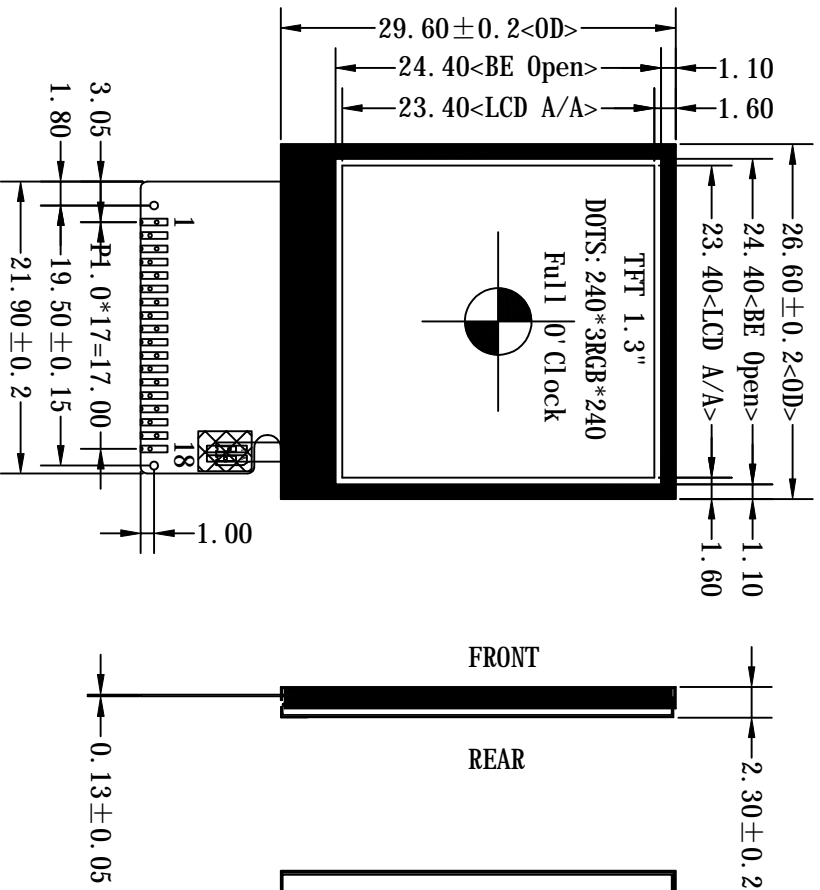
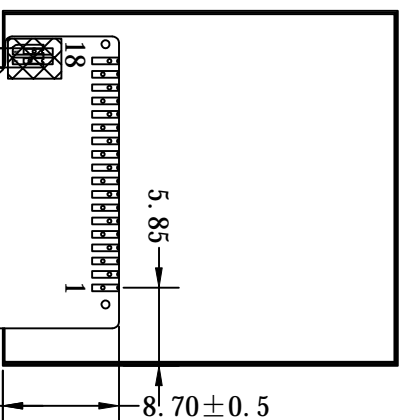
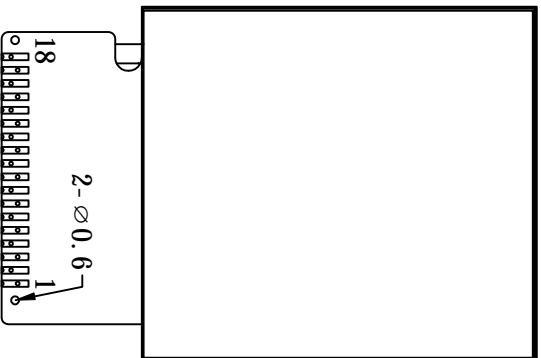


*** Do not display the fixed pattern for a long time when using a normally black panel, as it may cause image sticking due to the LCM structure. If the screen is displayed in fixed mode, use a screen saver. It is recommended to display the fixed mode in less than 2 minutes or less.

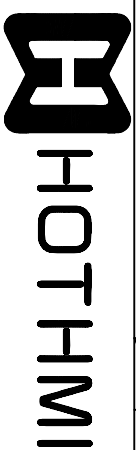


IMD	IM	Interface Mode
GND	IOVCC	4-line 8bit serial I/F
IOVCC	GND	3-line 9bit serial I/F



PIN NO.	SIGNAL
1	GND
2	LEDK
3	LEDA
4	GND
5	RESX
6	D/CX
7	SDA
8	SCK
9	VCI
10	IOVCC
11	CS
12	GND
13	IMD
14	NC
15	IM
16	NC
17	GND
18	GND

Item	Parameter	Value
*1.	LCD Display Type	TFT, Transmissive, Normally Black
*2.	Viewing Direction	Full 0° Clock (U80/D80/L80/R80)
*3.	Interface	SPI-3/4L
*4.	Operating Voltage	VCI=2.8V, IOVCC=1.8V(Typ)
*5.	Operating Temp	-20° C~70° C



Part Title: TFT-H013C40Q1ST3N18

Scale	Unit	Tol.
1:1	mm	±0.3

Ver:	Drawn:	Lin	Date:
V0			2019-09-03

Item	Parameter	Value
*6.	Storage Temp	-30° C~80° C
*7.	Driver IC	ST7789H2
*8.	Backlight	WHITE VF=3.2V IF=40mA(Typ)
*9.	LCM Brightness	350 cd/m ² (Typ)