

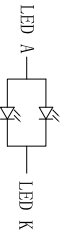
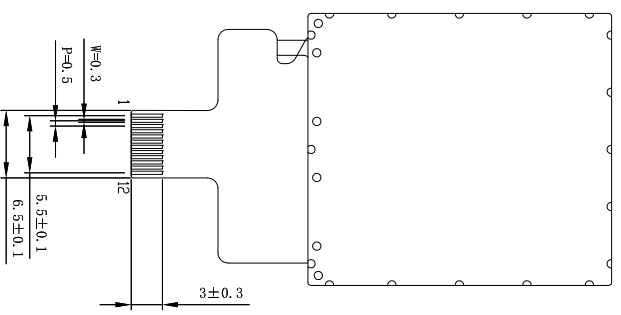
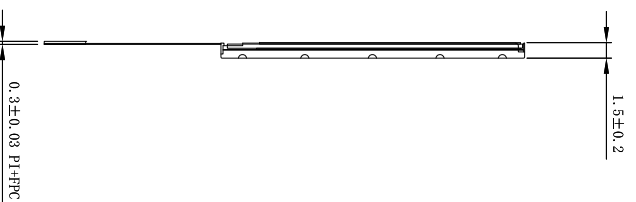
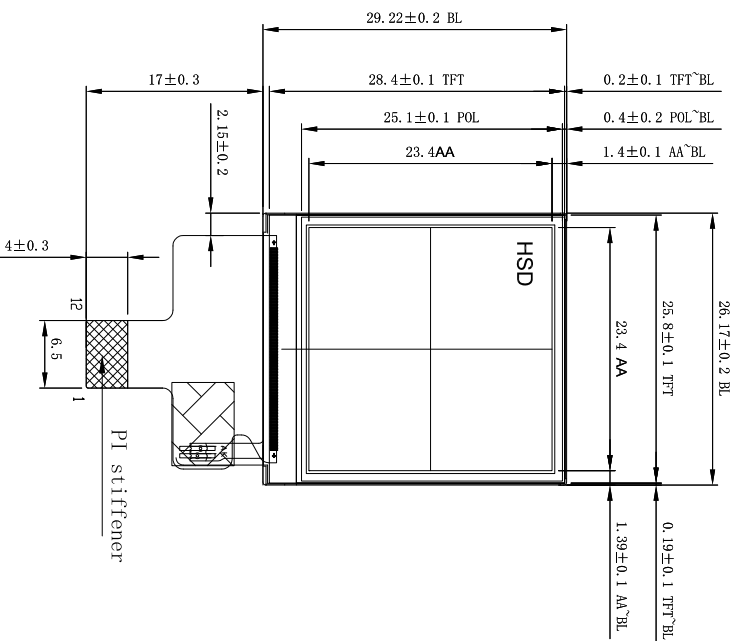
FRONT VIEW

RIGHT SIDE VIEW

REAR VIEW

4SPI

1	GND
2	LEDK
3	LEDA
4	VDD
5	GND
6	GND
7	D/C
8	CS
9	SCL
10	SDA
11	RESET
12	GND



Voltage : Vf=2.8V~3.4V(Ic=3.2V=IYP)  
 Current : If=40mA  
**Backlight LED Circuit Diagram**

NOTES:

1. DISPLAY TYPE: 1.3", 240\*240 TFT LCD
2. DISPLAY MODE: transmissive **Normally Black**
3. VIEWING DIRECTION: ALL 0'clock
4. DRIVER IC:ST7789V2
5. LCM (White 9 AVG 1/9) :  
 Brightness: 7BDcd/m<sup>2</sup> (TYP)  
 Uniformity:80%(MIN)
6. BACK LIGHT: 2 chip white LEDs If=40mA, Vf=2.8V~3.4V
7. OPERATING TEMP: -20° C TO 60° C, STORAGE TEMP: -30° C TO 70° C
8. \* Critical Parameter, ( ) ref Parameter, [ ] cpk Parameter  
 Unspecified Tolerances:±0.20mm  
 Modification mark:
9. SUGGESTION:TP window size unilateral increase 0.3~0.5mm than LCM A.A
10. REQUIREMENTS ENVIRONMENTAL PROTECTION: RoHS

REV									
DESCRIPTION	DATE	NAME	Part NO:	Customer NO:	APPROVED BY:	CHECKED BY:	DRAWN BY:	SCALE: 1:1	VER:10
	2022.02.27	Helon	R13005-240240SZ						PROJECTION: 1st
									SCALE: 1:1
									INVT: mm
									SHEET: 1 of 1

Rondeli Electronics Co.,Ltd.