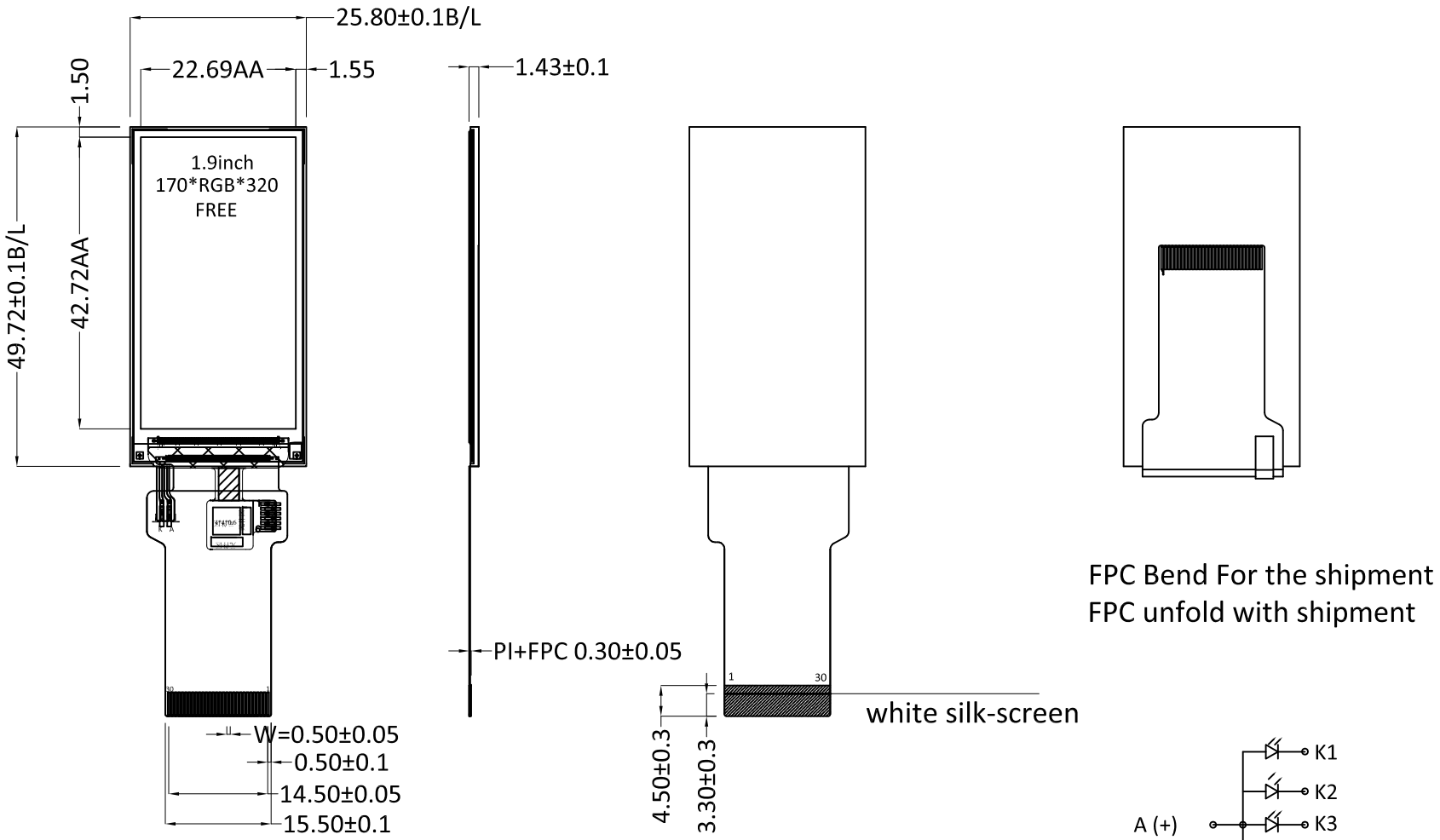
FRONT SIDE BACK BACK



NO.	Pin Define
1	GND
2	VCI
3	IM2
4	IM1
5	RESET
6	CS
7	DC(SPI-SCL)
8	WR(SPI-RS)
9	RD
10	SDA
11	DB0
12	DB1
13	DB2
14	DB3
15	DB4
16	DB5
17	DB6
18	DB7
19	SDO
20	LED-A
21	LED-K1
22	LED-K2
23	LED-K3
24	LED-K4
25	GND
26	TP_RST
27	TP_SCL
28	TP_SDA
29	TP_INT
30	GND

REV.	DATE	MODIFICATION
1.0	2019.03.12	First Issue

TP NOTES:
1. LCD Mall has standard RTP and CTP for this display.
2. LCD Mall can do customer design for RTP or CTP
3. If take RTP, the luminance will reduce 20%
4. If take CTP, the luminance will reduce 10~15%
5. LCD Mall can support optical bonding touch and display.
6. Special CTP solution need R&D evaluation.
7. General Tolerance: +/-0.2mm
"( )"reference dimension. "*"critical dimension
8. RoHS Compliant

LCM NOTES:
1. Display Type: 1.9 inch TFT /Transmissive
2. Viewing Direction: ALL
3. Backlight: 4 chip white LED,
VF =3.2V; IF = 60mA
4. Surface Luminance: 330cd/m2 (TYP)
5. Driver IC:ST7789V2 Thinner
6. Operating Temp.: -20° C~+70° C
7. Storage Temp.: -30° C~+80° C
8. Top Polarizer Surface Treatment: Anti-Glare
9. General Tolerance: +/-0.2mm
"( )"reference dimension. "*"critical dimension
10. RoHS Compliant

INTERFACE	SPI Interface / FPC Connector
VIEWING DIRECTION	ALL
Gray DIRECTION	

LCD Mall Limited

File NO: DWG-LM019NQ01NN	PART NO. LM019NQ01NN
DWN YJL 2019.03.12	REV. 1.0 / SHEET OF 1/1
CHKD YJL 2019.03.12	TOLERANCE UNLESS SPECIFIED ±0.2
PROJECTION 3rd ANGLE	UNIT mm / SCALE 1:1