

8

7

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1

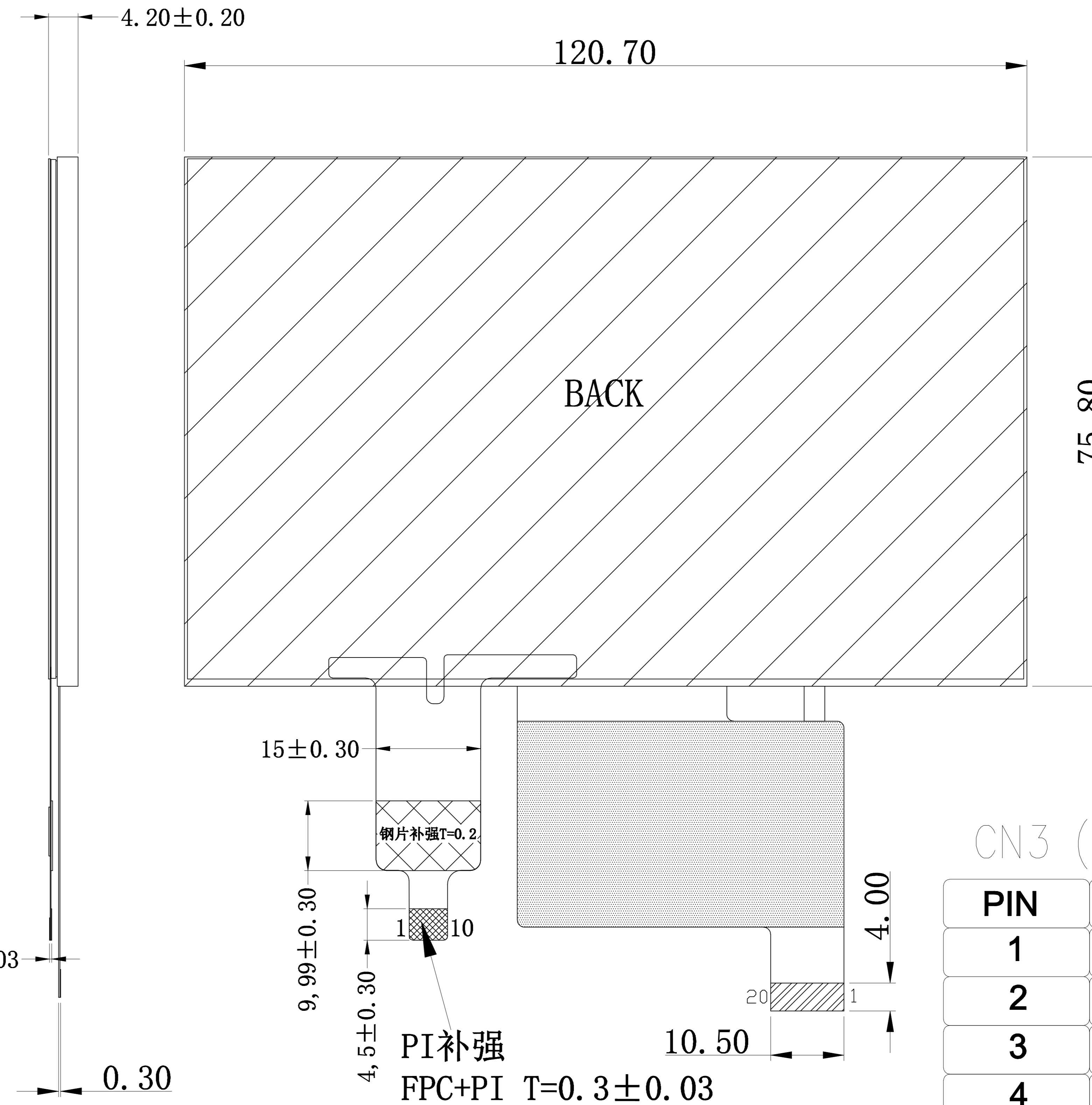
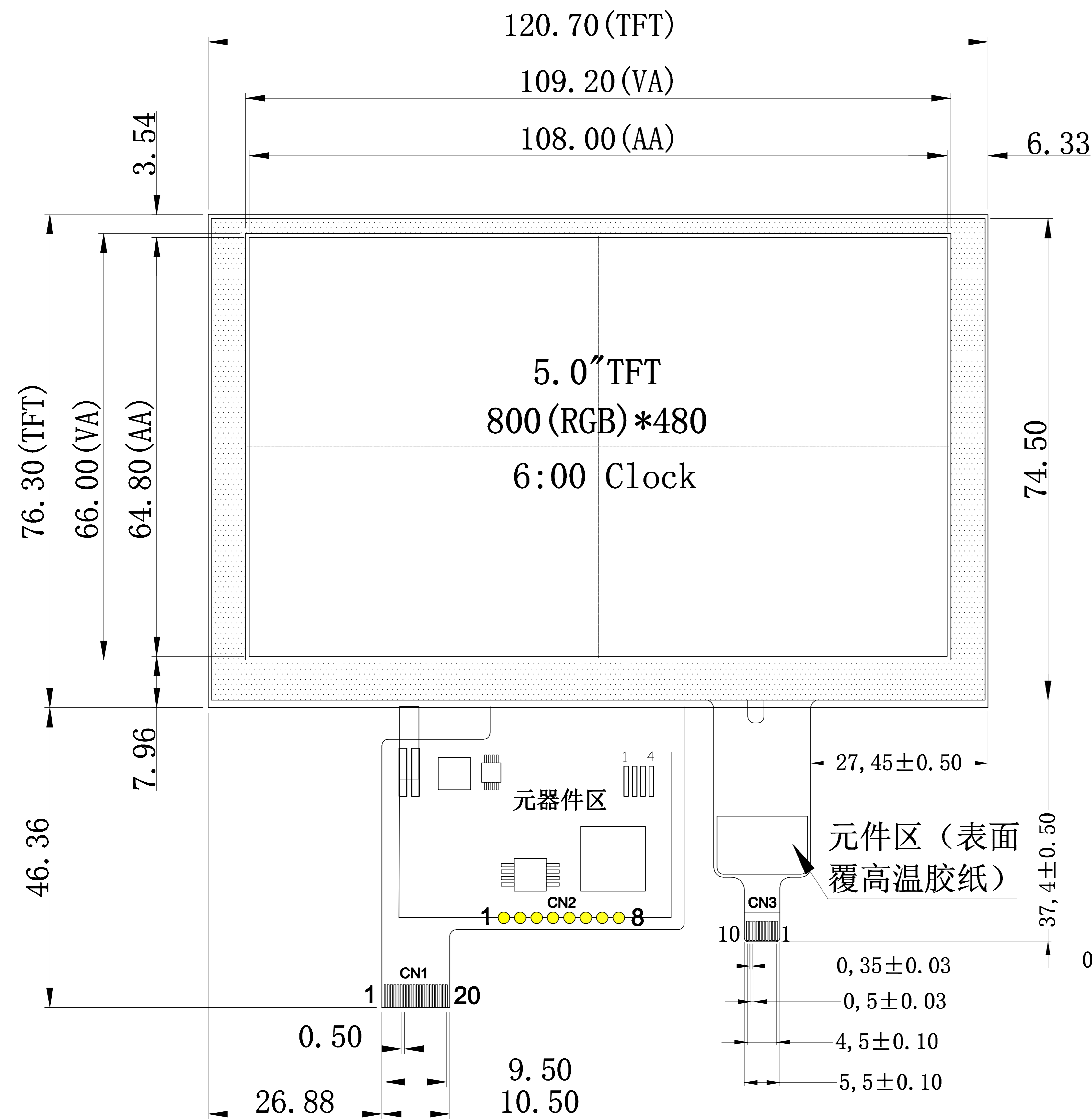
REV:	DESCRIPTION:	BY:	DATE:
A0	First Design	JSW	2019-02-14

D

C

B

A



CN1 (LCD)

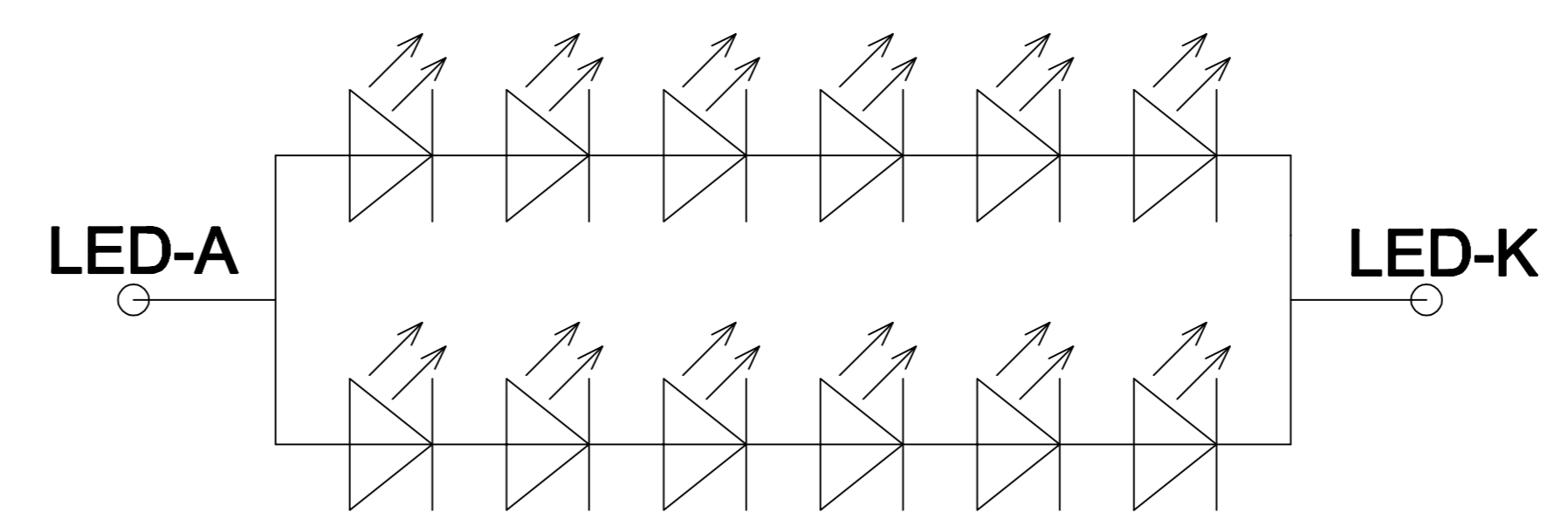
1	LED-A
2	LED-K
3	Vlcd-3.3V
4	GND
5	SCS#
6	MOSI
7	MISO
8	SCLK
9	GND
10	RST
11	INT
12	PWM1
13	PWM0
14	GND
15	Vic-3.3V
16	GND
17	XR
18	YD
19	XL
20	YU

CN3 (CTP)

PIN	定义
1	VSS
2	VDD
3	SCL
4	VSS
5	SDA
6	VSS
7	/RST
8	NC
9	INT
10	VSS

CN2 (FLASH)

1	RST
2	GND
3	Vic-3.3V
4	CS0
5	CS1
6	SPI-SCLK
7	SPI-SI
8	SPI-SO



No.	Item	Specification	Unit
1	LCM Design	5.0TFT+CTP(P+G)+FPCA	-
2	Number of Pixels	800(W)x3(RGB)x480(H)	pixels
3	Active Area	108.00(H)x64.80(V)	mm
4	Outline Dimension	120.70(W)x76.30(H)x4.2(T)	mm
5	Display Mode	Normally white TN,Transmissive	-
6	Viewing Direction	6 O'clock	-
7	Display Color	16M	-
8	Contrast Ratio	500(TYPE)	-
9	Backlight	White LED(6*2)	-
10	Luminance(cd/m2)	450(MIN)	cd/m2
11	Operation Temp.	-20~70 °C	°C
12	Operation Current	350 mA @ 3.3V	mA
13	Interface	4 Wire SPI Serial Port	-
14	Download Port	NC	-
15	External Interface	Flash Burn Port	-

UNLESS OTHERWISE NOTED:		DRAWING TYPE: SPI	REV: A0
UNITS	DECIMAL	DRAWING No.: FSD050AT20FS1-C01	
	OVER INCLUDING	CHECKED BY: _____ DATE: _____	
MM	0 TO 6 ±0.1 6 TO 30 ±0.2 30 TO 100 ±0.3	THIRD ANGLE PROJECTION	
ANGLES	PLATED THRU HOLES +0.08 -0.03	SCALE 1 : 1 SHEET: 1 OF 1	
±0.5°	NON-PLATED THRU HOLES +0.08 -0.03		

4

3

2

1

A