1.General Specifications

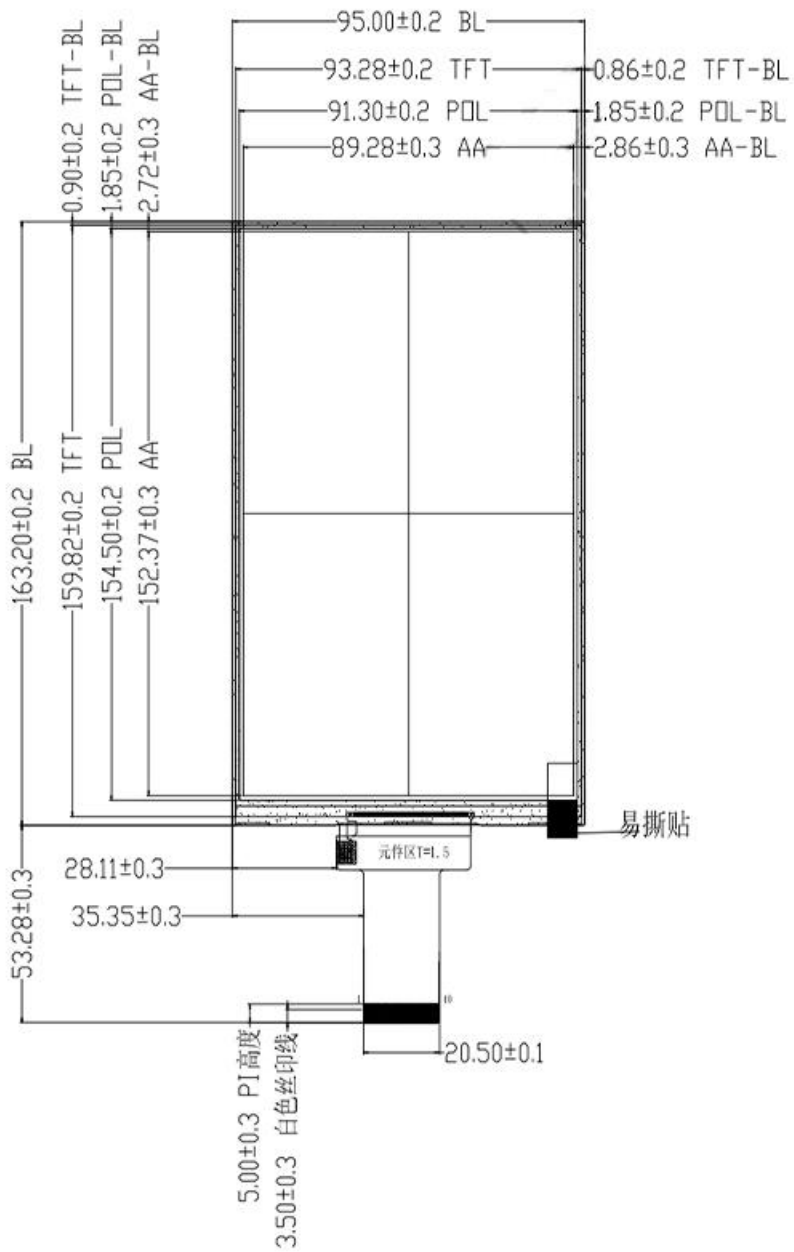
Item	Main Display	Unit
Number of Pixels	600 * RGB * 1024	Pixel
LCM Outline Dimension	95.00 (W) * 163.20 (H) * 2.6(T)	mm
LCD Outline Dimension	93.28 (W) * 159.82 (H) * 0.8 (T)	mm
Active Area	89.28 * 152.37	mm
Pixel Pitch	49.6 * 148.8	um
Display Mode	Normally Black	
Pixel Arrangement	RGB vertical stripe	
Viewing Direction	Free	
Color Configuration	RGB	
LCD Transmittance	Typ:4.7%; Min:3.95%;	
LCD Contrast Ratio	Typ:800; Min:600;	
FPC Version	Z70027-P31 V1	
Interface	MIPI	
Operating Temperature	-10℃ ~ 50℃	
Storage Temperature	-20℃ ~ 60℃	
Backlight arrangement	White LED*18	
Luminance	-	
Luminance Uniformity	-	
Color chromaticity	-	
Weight	-	

深圳市准亿科技有限公司

2. LCM-Pin Assignments

Pin No	Symbol	Description
1	LED-A	POWER SUPPLY+ FOR BACKLIGHT
2	LED-A	POWER SUPPLY+ FOR BACKLIGHT
3	LED-A	POWER SUPPLY+ FOR BACKLIGHT
4	VGH	Gate ON Voltage
5	VGL	Gate OFF Voltage
6	NC	NC
7	NC	NC
8	LED-K	POWER SUPPLY- FOR BACKLIGHT CATHODE
9	LED-K	POWER SUPPLY- FOR BACKLIGHT CATHODE
10	LED-K	POWER SUPPLY- FOR BACKLIGHT CATHODE
11	GND	Ground
12	AVDD	Power for Analog Circuit
13	GND	Ground
14	D2-P	MIPI-DSI Data differential signal input pins. (Data lane 2)
15	D2-N	MIPI-DSI Data differential signal input pins. (Data lane 2)
16	GND	Ground
17	D1-P	MIPI-DSI Data differential signal input pins. (Data lane 1)
18	D1-N	MIPI-DSI Data differential signal input pins. (Data lane 1)
19	GND	Ground
20	CLK-P	MIPI-DSI CLOCK differential signal input pin
21	CLK-N	MIPI-DSI CLOCK differential signal input pin
22	GND	Ground
23	D0-P	MIPI-DSI Data differential signal input pins. (Data lane 0)
24	D0-N	MIPI-DSI Data differential signal input pins. (Data lane 0)
25	GND	Ground
26	NC	NC
27	NC	NC
28	GND	Ground
29	NC	NC
30	NC	NC
31	NC	NC
32	VDDI	POWER SUPPLY（1.8V）(NC)
33	VDD	POWER SUPPLY（3.3V）
34	VDD	POWER SUPPLY（3.3V）
35	GND	Ground
36	STBYB	Standby mode
37	GND	GND
38	VCOM	Common Voltage
39	NC	NC
40	NC	NC

深圳市准亿科技有限公司


95.00±0.2 BL
93.28±0.2 TFT
91.30±0.2 POL
89.28±0.3 AA
0.86±0.2 TFT-BL
1.85±0.2 POL-BL
2.86±0.3 AA-BL
0.90±0.2 TFT-BL
1.85±0.2 POL-BL
2.72±0.3 AA-BL
163.20±0.2 BL
159.82±0.2 TFT
154.50±0.2 POL
152.37±0.3 AA
易撕贴
元件区T=1.5
28.11±0.3
35.35±0.3
53.28±0.3
20.50±0.1
5.00±0.3 PI高度
3.50±0.3 白色丝印线