Tailorpixels

A Professional Manufacturer of Display

Manufacturer Certificated

9001 CERT. No.: 282Q19070712006

14001 CERT. No.: 282E19070712007

Product Specification

Model: TOH360XVT-01C

3.6 ″ AMOLED Display Module (604*1024)

This module uses RoHS material

Tailor Pixels Technology Co., Ltd.
www.tailorpixels.com
tailor@tailorpixels.com
Ph: 86-755-8821 2653

Contents in this document are subject to change without notice. No part of this document can be reproduced or transmitted by any means for any purpose without the written permission of Tailor Pixels Technology Co., Ltd.

Records of Revision 修改记录

Rev 版本号	Date 修改日期	Description 内容	Page 页	Remarks 注释
V0	2025/12/03	首　次	17	

Table of Contents 目录

1 General Description 规格简介 4
2 Module Parameter 模组参数 4
3 Mechanical Drawings 结构图 4
4 Module Interface 模组接口定义 6
5 Application Circuit 应用电路 7
6 Absolute Maximum Ratings 绝对最大额定值 7
7 Electrical Specification 电性规格 7
8 Initialization Code 初始化代码 7
9 Optical Specifications 光学规格 8
9.1 Optical Specifications 光学规格 8
9.2 The power on/off sequence is illustrated below 电源启动/关闭顺序 8
9.3 Definition of Contrast Ratio 对比度的定义 9
9.4 Definition of Viewing Angles 视角的定义 9
9.5 Definition of Color Appearance 色域的定义 9
9.6 Definition of Surface Luminance, Uniformity and Transmittance 10
10 Quality Assurance 质量标准 10
10.1 Purpose 目的 10
10.2 Agreement Items 协议项目 10
10.3 Standard of the Product Visual Inspection 产品外观检验标准 11
10.4 Inspection Specification 检验标准 11
10.5 Classification of Defects 缺陷的分类 15
10.6 Identification/marking criteria 识别/评分标准 15
10.7 Packing 包装 15
11 Reliability Specification 可靠性规范 15
12 Precautions and Warranty 注意事项和保证 16
12.1 Safety 安全 16
12.2 Handling 处理 16
12.3 Operation 操作 16
12.4 Static Electricity 静电 17
12.5 Limited Warranty 有限质量保证 17
13 Packaging 包装 17
14 Prior Consult Matter 免责声明 17

1 General Description 规格简介

3.60 inch 604x1024 is a color active matrix AMOLED module This module has a 3.60 inch diagonally measured active area with 604x1024 resolutions (604 horizontal by 1024 vertical pixel arrays). Each pixel is divided into RED, GREEN, BLUE dots and this module can display 16.7M colors.

3.60 英寸 604x1024 是一个彩色有源矩阵 AMOLED 模块。该模块有一个 3.60 英寸的对角线测量的活动区域，分辨率为 604x1024（604 水平和 1024 垂直像素数组）。每个像素被分为红色、绿色、蓝点，该模块可以显示 16.7M 的颜色。

2 Module Parameter 模组参数

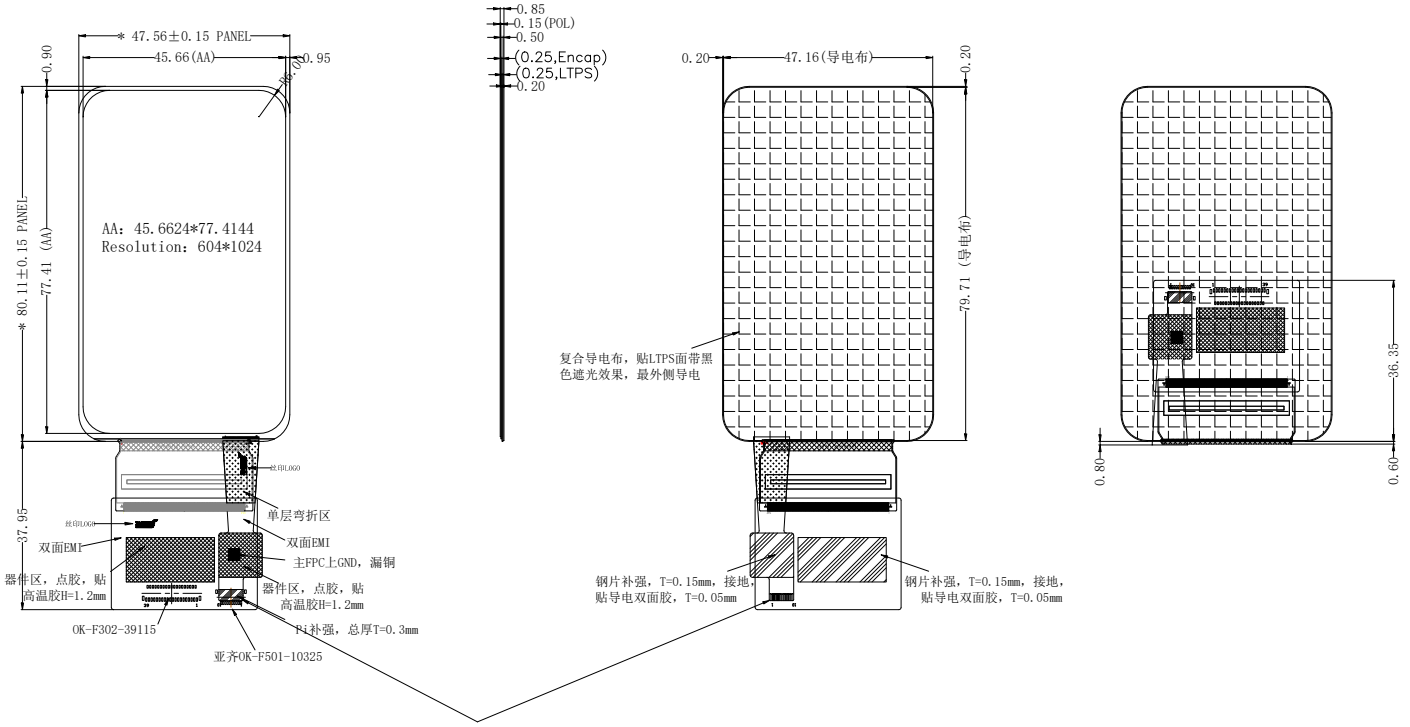
Features	Details	Unit
Display Size(Diagonal) 显示尺寸(对角线)	3.60	inch
显示屏类型	AMOLED	-
Display Mode 显示模式	Transmissive OLED	-
Resolution 分辨率	604RGB x 1024	-
Active Area 显示区	45.66 (H) ×77.41 (V)	mm
Module Outline 模组外形	47.56 (H) ×80.11 (V)×0.85(T)	mm
Display Colors 显示颜色	16.7M	-
Interface 接口	MIPI	-
Driver IC 驱动 IC	SD5207	-
TP Viewing Area TP 视窗	-	mm
TP Outline(assembly) TP 外形	-	mm
TP IC	CST3530	
Luminance on surface 亮度	800 typ	cd/m²
View Direction 视角方向	All	Best image
Contrast ratio 对比度	100000:1	
Color gamut 色域	100%	
PPI 图像点密集度	336	-
Window effect 视窗效果	-	-
Cover plate surface effect 盖板表面效果	-	-
Operating Temperature 工作温度	-30～70	ºC
Storage Temperature 储存温度	-40～85	ºC
Weight 重量	TBD	g

Note 1: Excluding hooks, posts , FPC/FPC tail etc.

3 Mechanical Drawings 结构图

General tolerance ±0.2

正视图



更改金手指正反面

接口定义

1	GND
2	VBAT
3	VBAT
4	VBAT
5	VBAT
6	VBAT
7	GND
8	GND
9	GND
10	MTP_PWR
11	TE
12	RESX
13	VDDIO
14	GND
15	D2P
16	D2N
17	GND
18	D1P
19	D1N
20	GND
21	CKP
22	CKN
23	GND
24	D0P
25	D0N
26	GND
27	D3P
28	D3N
29	GND
30	VCI(3.3V)
31	GND
32	TP_VCC(3.3V)
33	TP_VDDIO(1.8)
34	TP_INT
35	TP_SDA
36	TP_SCL
37	TP_RESX
38	EN
39	GND

TP接口定义

1	GND
2	TP_VCC(3.3V)
3	TP_VDDIO(1.8)
4	TP_INT
5	TP_SDA
6	TP_SCL
7	TP_RESX
8	GND
9	GND
10	GND

LCM Notes:

Display Mode	
VIEW DIRECTION	ALL
IC	DDIC and power IC:自定　Touch IC：CST3530
Optical(LCM)	800cd/m2
Operating Temp.	-30° C TO 70° C
Storage Temp.	-40° C TO 85° C
FPC Connector	OK-F302-39115
GENERAL TOLERANCE	±0.2mm
平面翘曲度	≤0.2MM
重点尺寸	重点尺寸使用"*"标记,"[ ]"CPK≥1.33
其它要求	

VER	MARK	REVISION RECORD	DATE	NAME
0.1		Set up for sample		

TITLE: LCM				
PRODUCT MODEL: T0H360XVT-01C				Page NO. : 01
DRW.NO:			Ver.: V0	SCALE : N.T.S.
DRAWN BY		DATE		UNIT : mm
CHECKED BY		DATE		PRO.(3):
APPROVED BY		DATE		SHEET : 1/1

4 Module Interface 模组接口定义

NO	SYMBOL	FUNCTION
1	GND	Power Ground
2~6	VBAT	Power Input for SIBO VBAT=3.7~4.5V
7	GND	Power Ground
8	GND	Power Ground
9	GND	Power Ground
10	MTP_PWR	MTP programming power supply pin,no use please NC
11	TE	Tearing effect output pin to synchronize MCU to frame writing. This pin is low when it is not activated. If not used, please open it.
12	RESX	This signal will reset the device and must be applied to properly initialize the chip. Signal is active low.
13	IOVDD	Power supply to I/O
14	GND	Power Ground
15	D2P	MIPI-DSI data lane positive-end input pin. (Data lane 2 positive polarity))
16	D2N	MIPI-DSI data lane negative-end input pin.(Data lane 2 negative polarity)
17	GND	Power Ground
18	D1P	MIPI-DSI data lane positive-end input pin. (Data lane 1 positive polarity))
19	D1N	MIPI-DSI data lane negative-end input pin.(Data lane 1 negative polarity)
20	GND	Power Ground
21	CKP	MIPI-DSI clock lane positive-end input pin
22	CKN	MIPI-DSI clock lane negative-end input pin
23	GND	Power Ground
24	D0P	MIPI-DSI data lane positive-end input pin. (Data lane 0 positive polarity))
25	D0N	MIPI-DSI data lane negative-end input pin.(Data lane 0 negative polarity)
26	GND	Power Ground
27	D3P	MIPI-DSI data lane positive-end input pin. (Data lane 3 positive polarity))
28	D3N	MIPI-DSI data lane negative-end input pin.(Data lane 3 negative polarity)
29	GND	Power Ground
30	VCI(3.3V)	Power Supply for Analog
31	GND	Power Ground
32	TP_VCC(3.3V)	Touch panel Power Supply for Analog
33	TP_VDDIO(1.8)	Touch panel Power supply to I/O
34	TP_INT	Touch panel interrupt output.If not used, please open it.
35	TP_SDA	Touch panel I2C data.If not used, please open it.
36	TP_SCL	Touch panel I2C clock.If not used, please open it.
37	TP_RESX	Touch panel reset.If not used, please open it.
38	EN	Enable for VBAT
39	GND	Power Ground

6 Absolute Maximum Ratings 绝对最大额定值

VSS=0V, Ta=25ºC

Note 1: 90%RH max, If Ta is below 50ºC; 60%RH max, If Ta is over 60ºC.

Item 项目		Symbol	Min.最小	Max.最大	Unit 单位
Supply Voltage 电源电压	Power supply 电力供应	VBAT	3.0	+5.5	V
	Analog 模拟	VCI	-0.3	+3.6	V
	IO	IOVDD	-0.3	+1.98	V
Input Voltage 输入电压		Vi	-0.3	IOVDD+0.3	V
Storage temperature 储存温度		T_{stg}	-40	+85	ºC
Operating temperature 工作温度		T_{op}	-30	+70	ºC
Storage humidity 存储湿度		H_{stg}	10	Note 1	%RH
Operating humidity 操作湿度		H_{op}	10	Note 1	%RH

7 Electrical Specification 电性规格

DC Characteristics 直流特性

Item 项目		Symbol	Min.最小	Typ.中间	Max.最大	Unit 单位
Supply Voltage 电源电压	Powersupply 电力供应	VBAT	3.7	4.2	4.5	V
	Analog	VCI	2.65	3.3	3.6	V
	IO	IOVDD	1.65	1.8	1.98	V
Logic Low input voltage 输入电压低		V_{IL}	VSS	-	0.2IOVDD	V
Logic High input voltage 输入电压高		V_{IH}	0.8IOVDD	-	IOVDD	V
Logic Low output voltage 输出电压低		V_{OL}	VSS	-	0.2IOVDD	V
Logic High output voltage 输出电压高		V_{OH}	0.8IOVDD	-	IOVDD	V
Current Consumption 电流消耗	Normal display 正常的显示	Ivdd	-	-	-	mA
	Standby mode 待机模式	Ivdd	-	-	-	uA
Frame Frequency 帧频		f_{FR}	-	60	-	Hz

8 Initialization Code 初始化代码

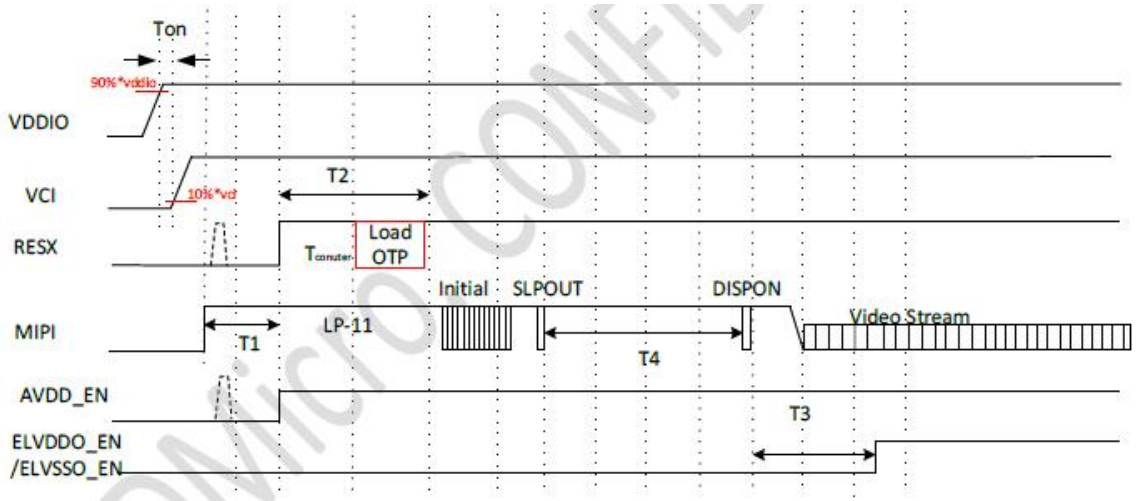
9 Optical Specifications 光学规格

9.1 Optical Specifications 光学规格

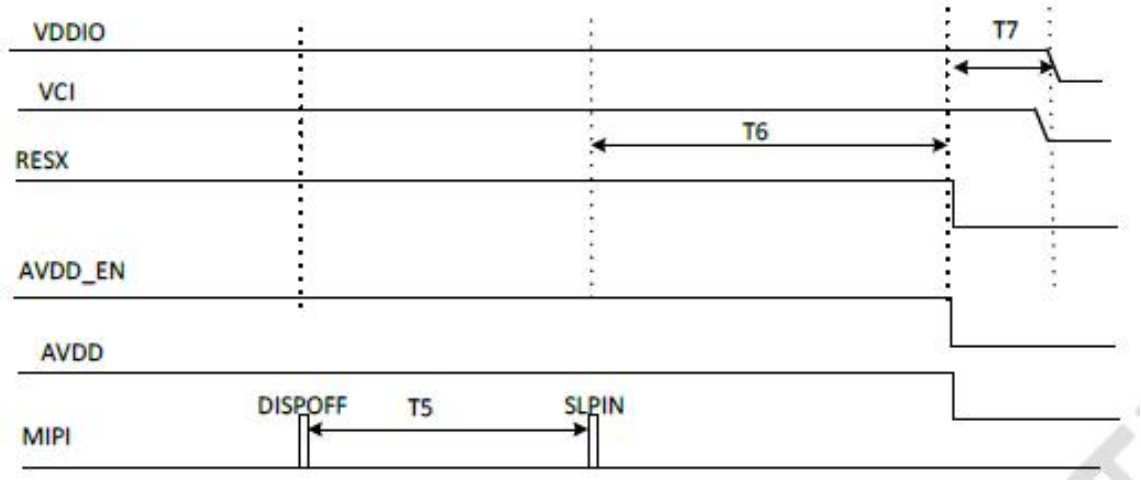
Ta=25ºC, VDD=2.8V, TN LC+ Polarizer

	Item 项目		Symbol 标志	Condition 条件	Specification 规范 Min. 最小	Typ. 中间	Max. 最大	Unit 单位
Backlight On (Transmissive Mode)	Luminance on surface(I_f =20mA) 表面亮度		*Lv*	Normally viewing angle $\theta_X=\theta_Y$ =0º	-	800	-	cd/m²
	Contrast ratio 对比度		*CR*		50000	-	-	-
	Response time 响应时间		*TR*		-	2	-	ms
			TF		-		-	
	Chromaticity Transmissive 色度	Red 红	*XR*	-	0.650	0.680	0.710	-
			YR		0.285	0.315	0.345	-
		Green 绿	*XG*		0.195	0.235	0.275	-
			YG		0.680	0.720	0.760	-
		Blue 蓝	*XB*		0.110	0.140	0.170	-
			YB		0.0135	0.0435	0.0735	-
		White 白	*XW*		0.280	0.300	0.320	-
			YW		0.295	0.315	0.335	-
	Viewing Angle 视角	Horizontal	θX+	Center CR≥10	75	85	-	Deg.
			θX-		75	85	-	
		Vertical	θY+		75	85	-	
			θY-		75	85	-	
	NTSC Ratio(Gamut)		-	-	97	100	-	%

9.2 The power on/off sequence is illustrated below 电源启动/关闭顺序



Power on sequence



Power off sequence

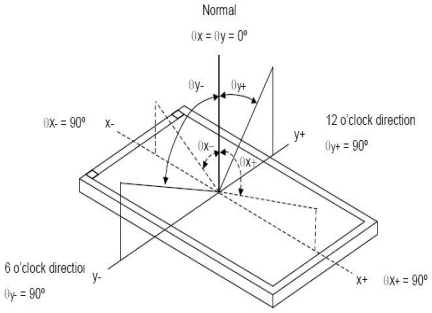
9.3 Definition of Contrast Ratio 对比度的定义

Contrast is measured perpendicular to display surface in reflective and transmissive mode. The measurement condition is:

Measuring Equipment 测量设备	**BM-7 or EQUI**
Measuring Point Diameter 测点直径	3mm//1mm
Measuring Point Location 测点位置	Active Area centre point
Test pattern 测试模式	A: All Pixels white
	B: All Pixel black
Contrast setting	Maximum

Definitions: CR (Contrast) = Luminance of White Pixel / Luminance of Black Pixel

9.4 Definition of Viewing Angles 视角的定义



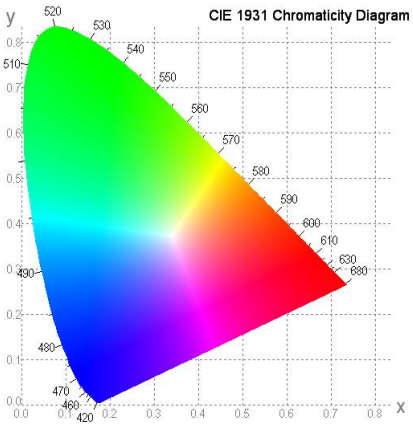
Measuring machine: LCD-5100 or EQUI

9.5 Definition of Color Appearance 色域的定义

R,G,B and W are defined by (x, y) on the IE chromaticity diagram

NTSC=area of RGB triangle/area of NTSC triangleX100%

Measuring picture: Red, Green, Blue and White (Measuring machine: BM-7)



9.6 Definition of Surface Luminance, Uniformity and Transmittance

表面亮度、均匀性和透光率的定义

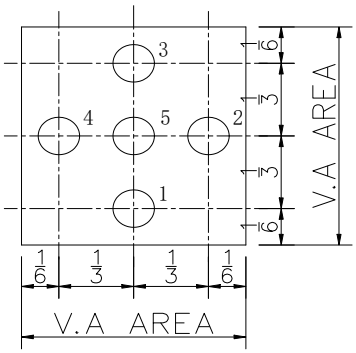
Using the transmissive mode measurement approach, measure the white screen luminance of the display panel and backlight.

9.6.1 Surface Luminance: LV = average (LP1:LP5)

9.6.2 Uniformity = Minimal (LP1:LP5) / Maximal (LP1:LP5) * 100%

9.6.3 Transmittance = LV on LCD / LV on Backlight * 100%

Note :Measuring machine:BM-7



10 Quality Assurance 质量标准

10.1 Purpose 目的

This standard for Quality Assurance assures the quality of LCD module products supplied to customer by Tailorpixels.

10.2 Agreement Items 协议项目

Tailorpixels and customer shall negotiate if the following situation occurs:

10.2.1 Discrepancies between Tailorpixels's QA standards and customer's QA standards.

10.2.2 Additional requirement to be added in product specification.

10.2.3 Any other special problem.

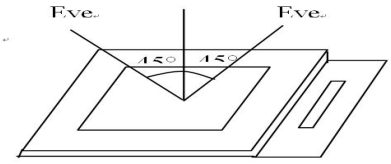
10.3 Standard of the Product Visual Inspection 产品外观检验标准

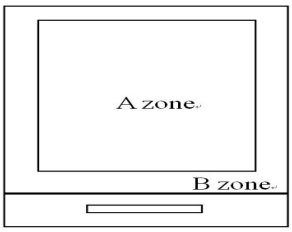
10.3.1 Appearance inspection:

10.3.1.1 The inspection must be under illumination about 1000 – 1500 lx, and the distance of view must be at 30cm ± 2cm.

10.3.1.2 The viewing angle should be 45° from the vertical line without reflection light or follows customer's viewing angle specifications.

10.3.1.3 Definition of area: A Zone: Active Area, B Zone: Viewing Area.





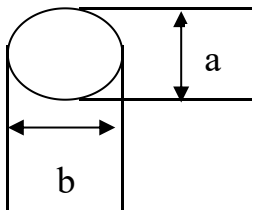
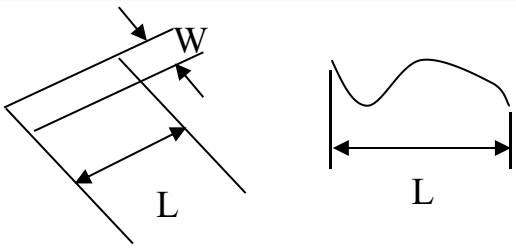
10.3.2 Basic principle:A set of sample to indicate the limit of acceptable quality level must be discussed by both Tailorpixels and customer when there is any dispute happened.

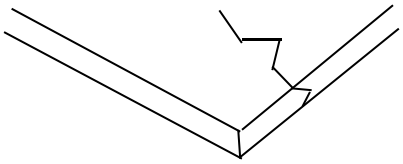
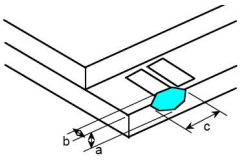
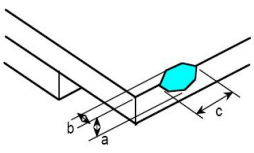
10.4 Inspection Specification 检验标准

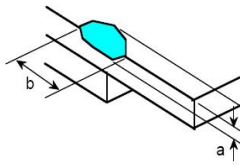
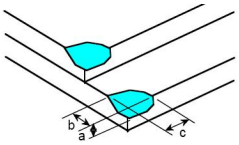
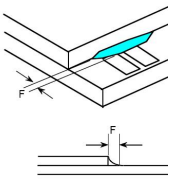
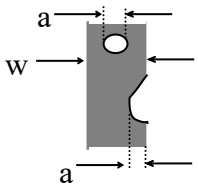
Sampling plan according to GB/T2828.1-2012/ISO 2859-1：1999 and ANSI/ASQC Z1.4-1993,normal level 2 and based on:

Major defect: AQL 0.4

Minor defect: AQL 1.0

<table>
<tr><th>No.</th><th>Item 项目</th><th>Criteria (Unit: mm) 标准</th></tr>
<tr><td>01</td><td>Black / White spot
Foreign material
(Round type)
Pinholes Stain
Particles inside cell.
(Minor defect) 黑/白斑/异物
(圆类型)细胞内的针孔染色颗粒。(小瑕疵)</td><td> 
φ= (a + b) /2
Distance between 2 defects should more than10mm apart.
<table><tr><th>Area / Size</th><th>Acc. Qty</th></tr><tr><td>φ≤0.10</td><td>Ignore</td></tr><tr><td>0.10<φ≤0.2</td><td>2</td></tr><tr><td>0.2<φ</td><td>0</td></tr><tr><td>Total</td><td>N≦3
NO include
φ≤ 0.10</td></tr></table></td></tr>
<tr><td>02</td><td>Black and White line Scratch
Foreign material
(Line type)
(Minor defect) 黑白线刮伤异物(类型)行(小瑕疵)</td><td>  </td></tr>
</table>

<table>
<tr><th>No.</th><th>Item 项目</th><th>Criteria (Unit: mm) 标准</th></tr>
<tr><td></td><td></td><td>
<table>
<tr><th>Length</th><th>Width</th><th>Acc. Qty</th></tr>
<tr><td>/</td><td>W ≦ 0.03</td><td>Ignore</td></tr>
<tr><td>L ≦ 3</td><td>0.05 ＜ W ≦ 0.08</td><td>2</td></tr>
<tr><td>/</td><td>0.08 ＜ W</td><td>0</td></tr>
<tr><td colspan="2">Total</td><td>N≦2</td></tr>
</table>
Distance between 2 defects should more than 10mm apart.
Scratches not viewable through the back of the display are acceptable.
</td></tr>
<tr><td>03</td><td>Glass Crack
(Minor defect) 玻璃裂纹(小瑕疵)</td><td> 
LCD with extensible crack line is unacceptable(When press the cracked LCD area, the line will expand, we define it is extensible crack line)</td></tr>
<tr><td>04</td><td>Glass Chipping Pad Area: (Minor defect) 玻璃碎片面积:(轻微缺陷)
  </td><td>
<table>
<tr><th>Length and Width</th><th>Acc. Qty</th></tr>
<tr><td>c ＜ 5.0, b< 0.4</td><td>Ignore</td></tr>
</table>
</td></tr>
<tr><td>05</td><td>Glass Chipping Rear of PadArea:(Minordefect) 玻璃切屑垫区后方:(小瑕疵)
  </td><td>
<table>
<tr><th>Length and Width</th><th>Acc. Qty</th></tr>
<tr><td>c > 3.0, b< 1.0</td><td>1</td></tr>
<tr><td>c< 3.0, b< 1.0</td><td>2</td></tr>
<tr><td>c< 3.0, b< 0.5</td><td>4</td></tr>
<tr><td colspan="2">a<Glass Thickness</td></tr>
</table>
</td></tr>
</table>

<table>
<tr><th>No.</th><th>Item 项目</th><th>Criteria (Unit: mm) 标准</th></tr>
<tr><td>06</td><td>Glass Chipping Except Pad Area: (Minor defect) 除垫区外的玻璃切屑:(小瑕疵)
 
</td><td><table><tr><td>Length and Width</td><td>Acc. Qty</td></tr><tr><td>c ≤0.6, b< 5.0</td><td>Ignore</td></tr><tr><td colspan="2">aGlass Thickness</td></tr></table></td></tr>
<tr><td>07</td><td>Glass Corner Chipping: (Minor defect) 玻璃切角:(小瑕疵)
 
</td><td><table><tr><td>Length and Width</td><td>Acc. Qty</td></tr><tr><td>c < 2.0, b< 1.5</td><td>Ignore</td></tr><tr><td>c < 1.5, b< 2</td><td>Ignore</td></tr><tr><td colspan="2">a<Glass Thickness</td></tr></table></td></tr>
<tr><td>08</td><td>Glass Burr: (Minor defect) 玻璃磨:(小瑕疵)
 
</td><td>Glass burr don’t affect assemble and module dimension.
<table><tr><td>Length</td><td>Acc. Qty</td></tr><tr><td>F < 0.5</td><td>Ignore</td></tr></table></td></tr>
<tr><td>09</td><td>FPC Defect: (Minor defect) FPC 缺陷:(小瑕疵)
 
</td><td>9.1 Dent, pinhole width a<w/3.
(w: circuitry width.)
9.2 Open circuit is unacceptable.
9.3 No oxidation, contamination and distortion.</td></tr>
<tr><td>10</td><td>Screen deformation 屏幕上的变形

</td><td>Test for insertion of plug gauge at highest warping point：
(3.1-6.0inches)
H≦0.3MM
The client has special requirements,according to drawing</td></tr>
</table>

<table>
<tr><th>No.</th><th>Item 项目</th><th>Criteria (Unit: mm) 标准</th></tr>
<tr><td>11</td><td>Bubble on Polarizer (Minor defect) 偏光片上的气泡(小瑕疵)</td><td>
<table>
<tr><td>Diameter</td><td>Acc. Qty</td></tr>
<tr><td>φ≤0.15</td><td>Ignore</td></tr>
<tr><td>0.15 <φ≤0.25</td><td>2</td></tr>
<tr><td>0.25 <φ≤0.3</td><td>1</td></tr>
<tr><td>0.3 < φ</td><td>0</td></tr>
</table>
</td></tr>
<tr><td>12</td><td>Dent on Polarizer (Minor defect) 偏光片上的凹痕(小瑕疵)</td><td>
<table>
<tr><td>Diameter</td><td>Acc. Qty</td></tr>
<tr><td>φ≤0.15</td><td>Ignore</td></tr>
<tr><td>0.15 <φ≤0.25</td><td>2</td></tr>
<tr><td>0.2 5<φ≤0.30</td><td>1</td></tr>
<tr><td>0.3< φ</td><td>0</td></tr>
</table>
</td></tr>
<tr><td>13</td><td>Bezel 边框</td><td>13.1 No rust, distortion on the Bezel.</td></tr>
<tr><td>14</td><td>Touch Panel 触控面板</td><td>D: Diameter W: width L: length
14.1 Spot: D≤0.20 is acceptable
0.20<D≤0.3, acceptable QTY, 3
D>0.3 is unacceptable
14.2 Dent（dot):
D≤0.20 is acceptable
0.20<D≤0.3, acceptable QTY, 3
D>0.30 is unacceptable
2dots are acceptable and the distance between defects should more than 10 mm.
Dent（line） According to the limit sample
14.3 Scratch: W≤0.03, L≤10 is acceptable,
0.03<W≤0.10, L≤10 ,acceptable QTY, 3
W>0.10 is unacceptable.
Distance between 2 defects should more than 10 mm.</td></tr>
<tr><td>15</td><td>PCB</td><td>15.1 No distortion or contamination on PCB terminals.
15.2 All components on PCB must same as documented on the BOM/component layout.
15.3 Follow IPC-A-600F.</td></tr>
<tr><td>16</td><td>Soldering 焊接</td><td>Follow IPC-A-610C standard</td></tr>
</table>

No.	Item 项目	Criteria (Unit: mm) 标准
17	Electrical Defect (Major defect) 电气缺陷(主要缺陷)	The below defects must be rejected. 17.1 Missing vertical / horizontal segment, 17.2 Abnormal Display. 17.3 No function or no display. 17.4 Current exceeds product specifications. 17.5 LCD viewing angle defect. 17.6 No Backlight. 17.7 Dark Backlight. 17.8 Touch Panel no function. 17.9 Dark Dot –one Allowed. 17.10 Bright Dot – one Allowed. Remark: 1. A pixel defect is acceptable if one color is none functional and causes a bright dot. The display may have one case where one color is out and cause a dark dot. 2. Bright dot caused by scratch and foreign object accords to item1.
18	Light leak 漏光	Yellow light OK; White light,According to the limit sample

Remark: Visual and cosmetic defects are rejectable only if these fall within the LCD viewing area.

10.5 Classification of Defects 缺陷的分类

Visual defects (Except no / wrong label) are treated as minor defect and electrical defect is major.

10.6 Identification/marking criteria 识别/评分标准

Any unit with illegible / wrong /double or no marking/ label shall be rejected.

10.7 Packing 包装

10.7.1 There should be no damage of the outside carton box, each packaging box should has label in the correct location per packing drawing requirement.

10.7.2 All direct package materials shall offer ESD protection.

11 Reliability Specification 可靠性规范

Item 项目	Condition 条件	Cycle Time 周期时间	Quantity 数量	Remark 备注
Constant Temp. and Constant Humidity Operation Test 恒温恒湿运行试验	+60ºC,90 %RH	240hrs	--	*1
High Temp. Operation Test 高温操作试验	+70ºC	240hrs	--	
Low Temp. Operation Test 低温操作试验	-30 ºC	240hrs	--	
Thermal Shock Test 热冲击试验	-40 ± 3ºC (30min)	10cycles	--	

(Non-operation)	+85 ± 3ºC (30min)			
ESD Test(end product) ESD 测试(最终产品)	150pF, 330Ω, ±2KV,Contact 150pF, 330Ω, ±6KV, Air	10times	--	*2, *3
Vibration Test(for packaging) 振动测试(包装)	Frequency: 10Hz to 55Hz to10Hz,Swing:1.5mm,time：X,Y,Z each 2H.	6hrs	One inner carton	*4

Note 1. For humidity test, DI water should be used.

Inspection Standard: Inspect after 1-2hrs storage at room temperature, the sample shall be free from the following defects:

- Air bubble in the LCD
- Seal Leakage
- Non-display
- Missing Segment
- Glass Crack
- IDD is greater than twice initial value.
- Others as per QA Inspection Criteria

Note 2. No defect is allowed after testing

The End Product ESD value is only indicative and depends on customer ESD protection design for the whole system.

Note 3. ESD should be applied to LCD glass panel, not other areas (such as on IC and so on) IDD should be within twice initial value.

In case of malfunction defect caused by ESD damage, if it would be recovered to normal state after resetting, it would be judged as a good part.

Note 4. Only upon request.

12 Precautions and Warranty 注意事项和保证

12.1 Safety 安全

12.1.1 The liquid crystal in the LCD is poisonous. Do not put it in your mouth. If the liquid crystal touches your skin or clothes, wash it off immediately using soap and water.

12.1.2 Since the liquid crystal cells are made of glass, do not apply strong impact on them. Handle with care.

12.2 Handling 处理

12.2.1 Reverse and use within ratings in order to keep performance and prevent damage.

12.2.2 Do not wipe the polarizer with dry cloth, as it might cause scratch. If the surface of the LCD needs to be cleaned, wipe it swiftly with cotton or other soft cloth soaked with petroleum IPA, do not use other chemicals.

12.3 Operation 操作

12.3.1 Do not drive LCD with DC voltage

12.3.2 Response time will increase below lower temperature

12.3.3 Display may change color with different temperature

12.3.4 Mechanical disturbance during operation, such as pressing on the display area, may

cause the segments to appear “fractured”.

12.4 Static Electricity 静电

12.4.1 CMOS LSIs are equipped in this unit, so care must be taken to avoid the electro-static charge, by ground human body, etc.

12.4.2 The normal static prevention measures should be observed for work clothes and benches.

12.4.3 The module should be kept into anti-static bags or other containers resistant to static for storage.

12.5 Limited Warranty 有限质量保证

12.5.1 Unless otherwise agreed between Tailorpixels and customer, Tailorpixels will replace or repair any of its LCD and LCM which Tailorpixels found to be defective electrically and visually when inspected in accordance with Tailorpixels Quality Standards, for a period of one year from date of shipment.

12.5.2 The warranty liability of Tailorpixels is limited to repair and/or replacement. Tailorpixels will not be responsible for any consequential loss.

12.5.3 If possible, we suggest you use up all modules in six months. If the module storage time over twelve months, we suggest that recheck it before the module be used.

13 Packaging 包装

TBD

14 Prior Consult Matter 免责声明

1. For Tailorpixels standard products, we keep the right to change material, process for improving the product property without prior notice to our customer.

2. For OEM products, if any changes are needed which may affect the product property, we will consult with our customer in advance.

3. If you have special requirement about reliability condition, please let us know before you start the test on our samples.

Reference 参考

Item 项目	Description 描述	Revision 修订
SD5207	IC Data sheet	V0.0
CST3530	TP Data sheet	V1.0
Panel 3.6 寸 604X1024	LCM assembly drawing	V0