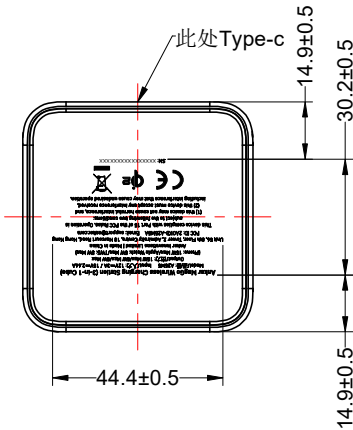


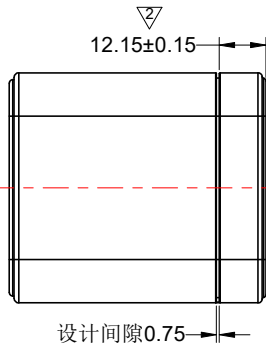
RoHS2.0 Reach CP65

REV.	DESCRIPTION	DESIGN	APPROVAL	DATE
A1	NEW DRAWING	RUOXUN YIN	XIONGWU LI	2024.08.28

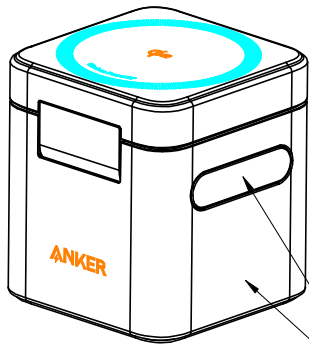
转轴闭合状态下视图



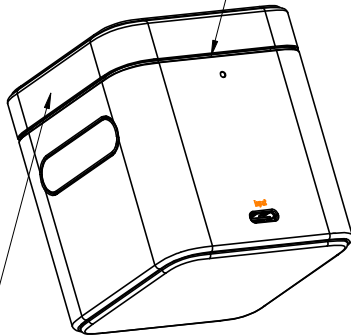
硅胶镭雕上下居中对齐



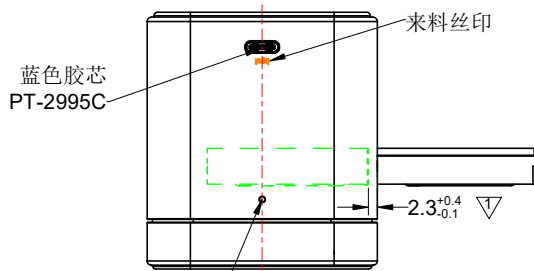
设计间隙0.75



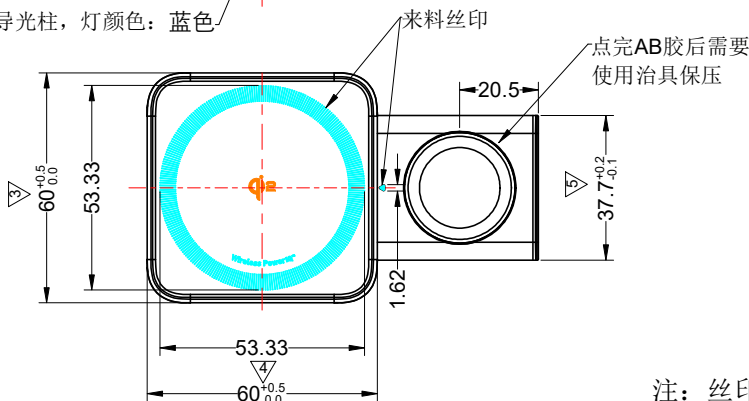
金属质感黑色+手感pu漆



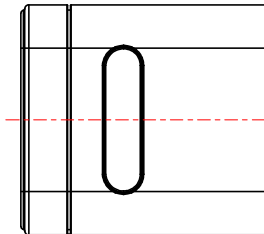
设计间隙0.75mm
组装间隙断差依客户
外观检验标准



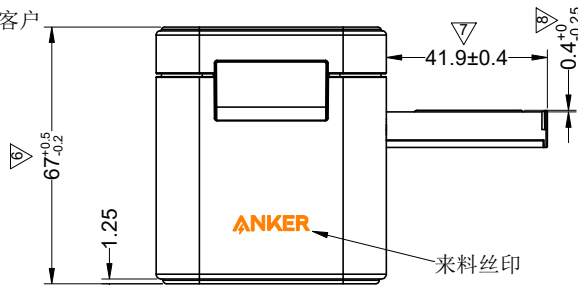
半透明导光柱, 灯颜色: 蓝色



点完AB胶后需要
使用治具保压



注: 丝印要求采用菲林检验



X±0.3	X.°±0.3
.X±0.15	.X.°±0.2
.XX±0.1	.XX.°±0.1
.XXX±0.05	.XXX.°±0.05
UNITS:	mm

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WITHOUT THE PRIOR WRITTEN CONSENT
OF LUXSHARE-TECH

Customer P/N: B25M5J11-1

Customer REV.: *

PART NO. L199WC195-CS-R1

APPD: XIONGWU LI

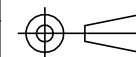
CHKD: LIBING ZENG
XIANLIANG ZENG

DRAW: RUOXUN YIN

LUXSHARE-TECH

SUPPLIER P/N: *
LACC149三合一无线充Qi2.0 25W+UL
黑(无包材)

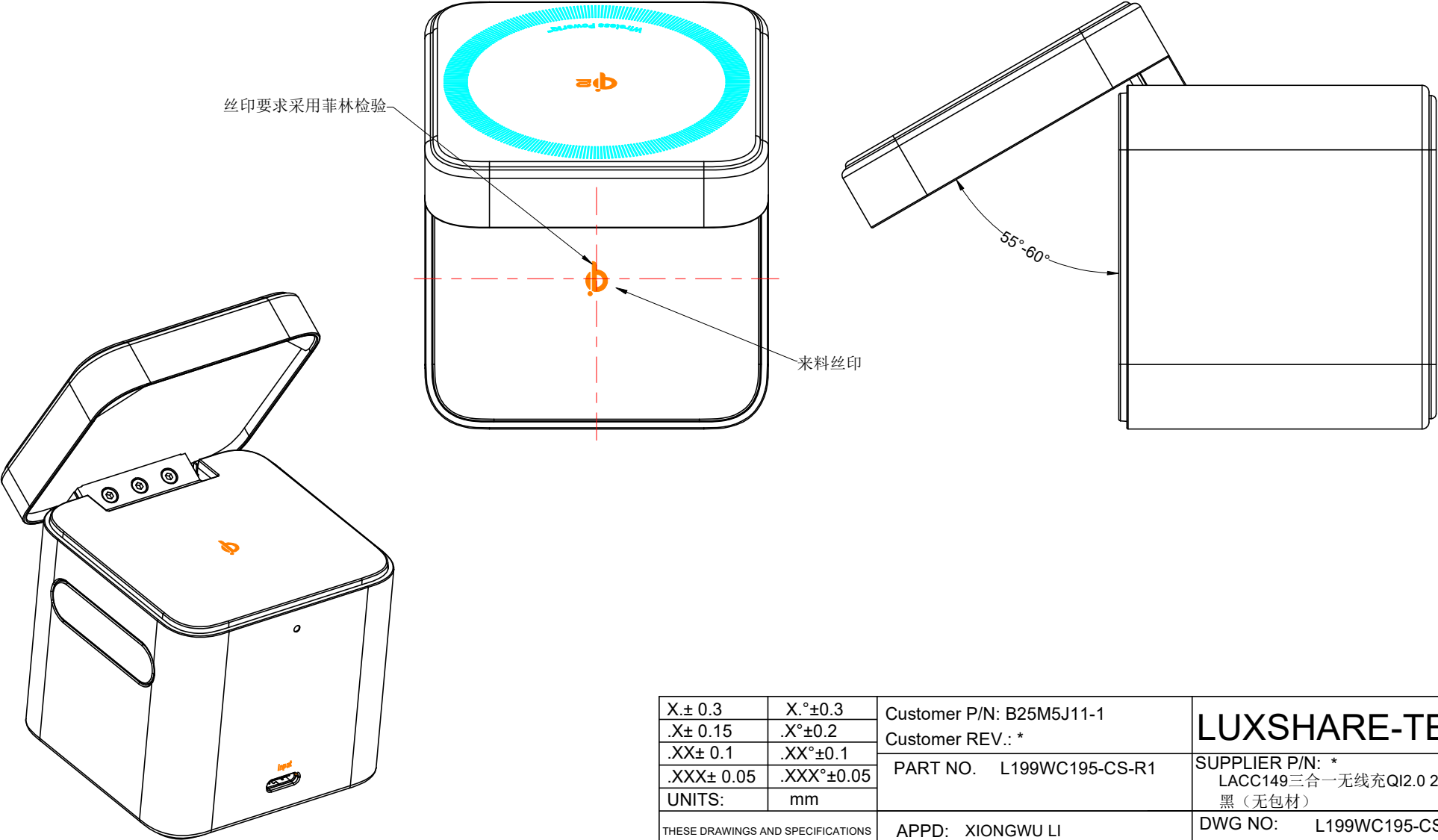
DWG NO: L199WC195-CS-R1



SCALE	SHEET	REV.
1:2	1/9	A1

RoHS2.0 Reach CP65

转轴打开状态下视图



X±0.3	X.°±0.3
.X±0.15	.X°±0.2
.XX±0.1	.XX°±0.1
.XXX±0.05	.XXX°±0.05
UNITS:	mm

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OF LUXSHARE-TECH

Customer P/N: B25M5J11-1	
Customer REV.: *	
PART NO. L199WC195-CS-R1	
APPD:	XIONGWU LI
CHKD:	LIBING ZENG XIANLIANG ZENG
DRAW:	RUOXUN YIN

LUXSHARE-TECH			
SUPPLIER P/N: * LACC149三合一无线充QI2.0 25W+UL 黑（无包材）			
DWG NO: L199WC195-CS-R1			
	SCALE	SHEET	REV.
	1:1	2/9	A1

RoHS2.0 Reach CP65

印字图

铭牌内容,工艺：镭雕

适用于国内料号

适用于越南料号

Anker MagGo Wireless Charging Station (3-in-1 Cube)

Model/品番: A25M5 Input/入力: 12V=3A / 15V=2.66A

Output/出力: 15W Max/5W Max/5W Max

(Phone: 15W Max/Apple Watch: 5W Max/TWS: 5W Max)

Anker Innovations Limited | Made in China

Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18 Harcourt Road, Hong Kong

FCC ID: 2A0KB-A25M5A Email: support@anker.com

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.



SN:XXXXXXXXXXXXXXXXXX

Anker MagGo Wireless Charging Station (3-in-1 Cube)

Model/品番: A25M5 Input/入力: 12V=3A / 15V=2.66A

Output/出力: 15W Max/5W Max/5W Max

(Phone: 15W Max/Apple Watch: 5W Max/TWS: 5W Max)

Anker Innovations Limited | Made in Vietnam

Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18 Harcourt Road, Hong Kong

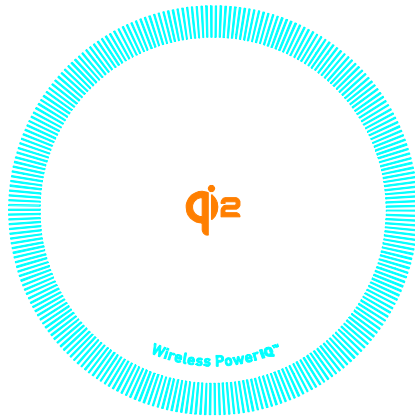
FCC ID: 2A0KB-A25M5A Email: support@anker.com

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.



SN:XXXXXXXXXXXXXXXXXX



SN码编原则：

SN:XXXXXXXXXXXXXXXXXX

流水号从00001~99999

第XX周的第几天为1~7

本年度的第几周（两位数）

年份代码2024为E,依此类推,2025为F,.....

版本号：试产为0、量产为1

产品代码（量产固定）：DD1

（试产规则）：产品代码替换成EVT,DVT,PVT,ECN
以此类推，对应每次试产

工厂代码（固定）：

AK7(中国立讯精密)

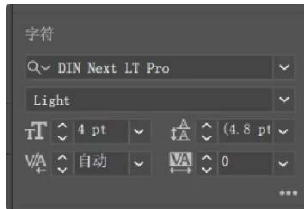
ASH(中国立讯技术)

ACN(越南立讯精密)

注：按照PO订单选定工厂代码，交管提供

固定SN:

SN码字体要求如下



黑色款

丝印 颜色参考封样

丝印 颜色参考封样

镭雕

Marking 要求

1. 工艺：丝印

2. 1:1 视图尺寸

X.± 0.3	X.°±0.3
.X± 0.15	.X°±0.2
.XX± 0.1	.XX°±0.1
.XXX± 0.05	.XXX°±0.05
UNITS:	mm

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Customer P/N: B25M5J11-1

Customer REV.: *

PART NO. L199WC195-CS-R1

APPD: XIONGWU LI

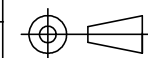
CHKD: LIBING ZENG
XIANLIANG ZENG

DRAW: RUOXUN YIN

LUXSHARE-TECH

SUPPLIER P/N: *
LACC149三合一无线充QI2.0 25W+UL
黑（无包材）

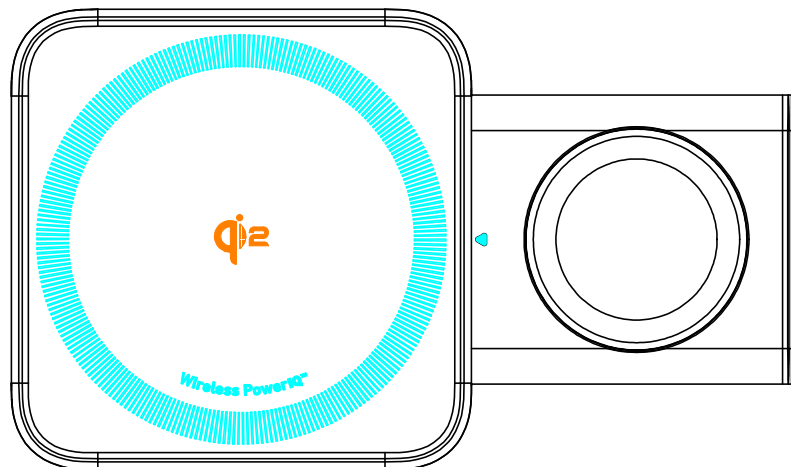
DWG NO: L199WC195-CS-R1



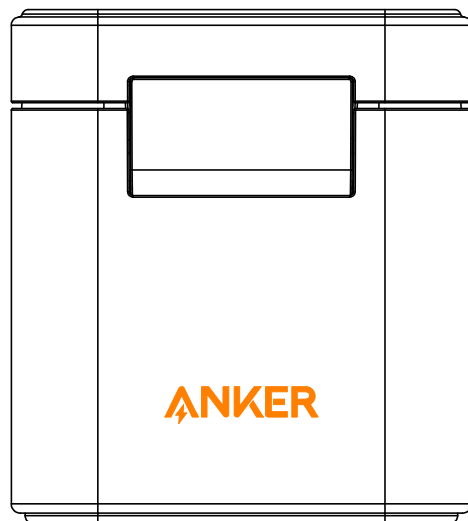
SCALE	SHEET	REV.
1:1	3/9	A1

RoHS2.0 Reach CP65

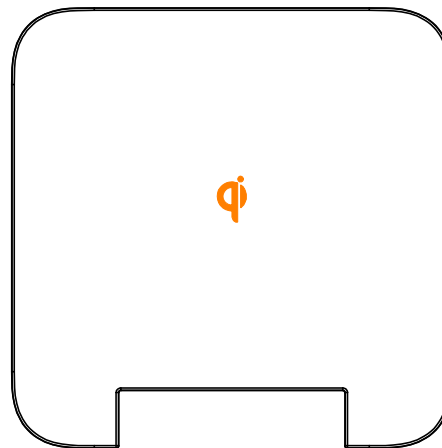
印字图



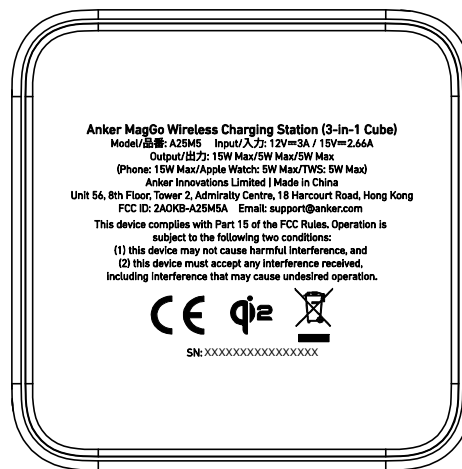
上下左右居中对齐



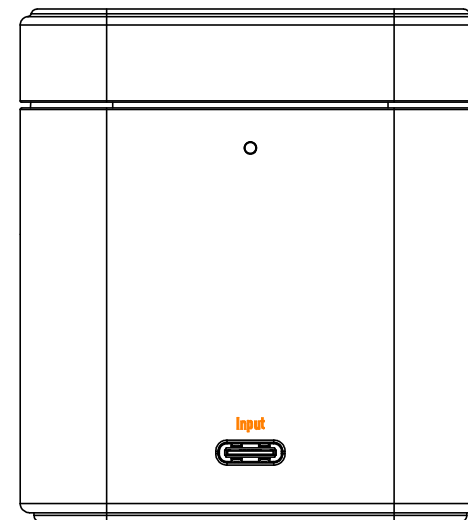
左右居中对齐



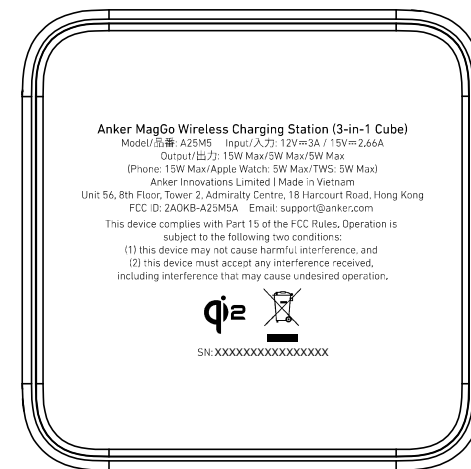
上下左右居中对齐



上下左右居中对齐
适用于国内料号



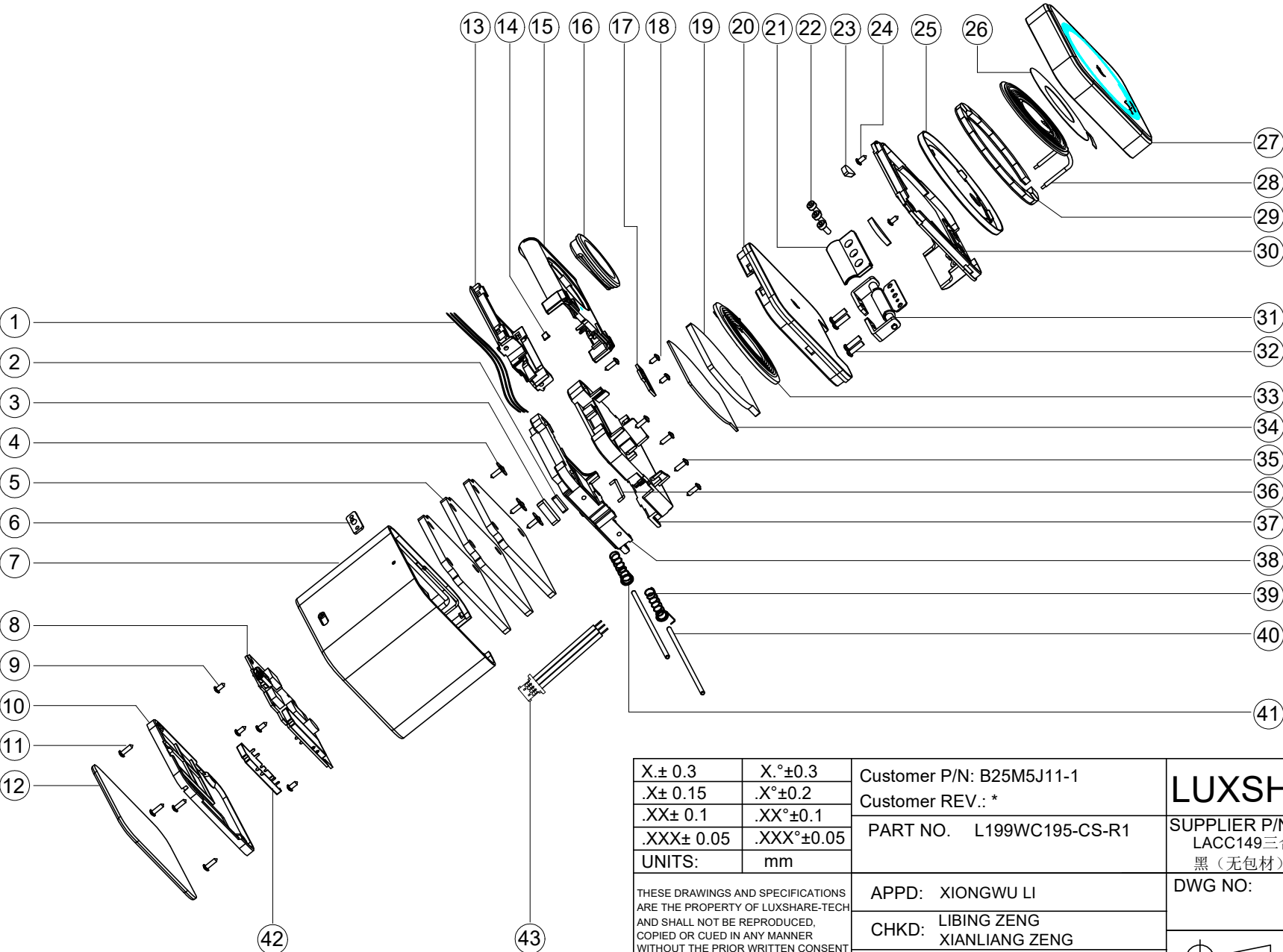
左右居中对齐



上下左右居中对齐
适用于越南料号

X.±0.3	X.°±0.3	Customer P/N: B25M5J11-1 Customer REV.: *	LUXSHARE-TECH			
.X±0.15	.X°±0.2					
.XX±0.1	.XX°±0.1	PART NO. L199WC195-CS-R1	SUPPLIER P/N: *			
.XXX±0.05	.XXX°±0.05		LACC149三合一无线充QI2.0 25W+UL 黑（无包材）			
UNITS:	mm	APPD: XIONGWU LI CHKD: LIBING ZENG XIANLIANG ZENG DRAW: RUOXUN YIN	DWG NO: L199WC195-CS-R1			
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF LUXSHARE-TECH AND SHALL NOT BE REPRODUCED, COPIED OR CUED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF LUXSHARE-TECH				SCALE	SHEET	REV.
				1:1	4/9	A1

RoHS2.0 Reach CP65



X±0.3	X.°±0.3
.X±0.15	.X°±0.2
.XX±0.1	.XX°±0.1
.XXX±0.05	.XXX°±0.05
UNITS:	mm

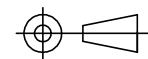
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Customer P/N: B25M5J11-1	
Customer REV.: *	
PART NO. L199WC195-CS-R1	
APPD:	XIONGWU LI
CHKD:	LIBING ZENG XIANLIANG ZENG
DRAW:	RUOXUN YIN

LUXSHARE-TECH

SUPPLIER P/N: *
LACC149 三合一无线充 Qi2.0 25W+UL
黑（无包材）

DWG NO: L199WC195-CS-R1

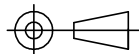


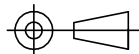
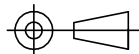
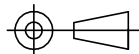
SCALE	SHEET	REV.
1:1	5/9	A1

8		7		6		5		4		3		2		1	
RoHS2.0		Reach		CP65											
E															
E															
D															
D															
C															
C															
B															
B															
A															
A															

③6	U型钩	U型钩-SUS301-镀镍-Ø1*16.5*3.5-REACH+R	1	pcs
③5	螺丝	螺丝-C1010-P-A-十字-镀黑锌-M2*7-HF	5	pcs
③4	泡棉	泡棉-EVA-46*37.8*0.9-双面背胶-REACH-R	1	pcs
③3	Coil	Coil,JUYUAN,A11a,Φ0.08*105P,6.3uH,R	1	pcs
③2	螺丝	螺丝-C1010-平头机牙-镀黑锌-点胶0.5~4-M2.0*6-REACH+R	4	pcs
③1	转轴	转轴-铁-镀镍-56.6*14.35*6.4-REACH+R	1	pcs
③0	支架下盖	支架下盖-锌合金-深灰色喷漆-58*58*19.5-REACH-R	1	pcs
②9	磁铁	磁铁-N52M-镀镍-银色-Ø54*Ø46*3-16PCS-R-CA65	1	pcs
②8	手机线圈	Coil,MPP,7.7uH,10%,NTC100K3950,RS,JUYUAN	1	pcs
②7	支架上盖	塑壳-支架上盖-PC-黑色-60*60*12.15-REACH-R	1	pcs
②6	FPC	FPC ,A25M5-CD,屏蔽膜板,单层,黄膜白字沉金,RS,	1	pcs
②5	线圈铝壳	线圈铝壳-46*37.8*2.5-REACH+R	1	pcs
②4	螺丝	螺丝-C1010-沉头平尾-十字-镀镍-M2*4-HF	2	pcs
②3	半圆防滑垫	硅胶件-半圆防滑垫-黑色-14.16.4*4.55*2.1-背胶-REACH-R	2	pcs
②2	螺丝	螺丝-C1010-平头内六角机牙-点胶0.5~3-M2*4-REACH+R	3	pcs
②1	转轴盖	塑壳-转轴盖-PC-深灰色喷漆-29*14.75*5-REACH-R	1	pcs
②0	底座上盖	塑壳-底座上盖-PC-黑色-57.4*57.4*7.8-REACH-R	1	pcs
①9	散热铝片	散热铝片-46*37.8*2.5-REACH-R	1	pcs
①8	螺丝	螺丝-C1010-沉头平尾-十字-镀镍-M2*4-HF	2	pcs
①7	灯板	LACC132三合一无线充QI2.0 25W灯板（SMT）	1	pcs
①6	C962线圈	C962-Watch Fast Charger磁吸线圈 MFI631-07931	1	pcs
①5	抽屉上盖	塑壳-抽屉上盖-PC-黑色-52.9*38.2*11.3-REACH-R	1	pcs
①4	抽屉垫	硅胶件-抽屉垫-三角形-黑色-4.85*4.1*2.4-背胶3M-REACH+R	1	pcs
①3	抽屉下盖	塑壳-抽屉下盖-PC-黑色-52.8*35.7*8.8-REACH-R	1	pcs
①2	方形防滑垫	硅胶件-方形防滑垫-黑色-56.4*56.4*2-背胶-REACH-R	1	pcs
①1	螺丝	螺丝-C1010-P-A-十字-镀黑锌-M2*7-HF	4	pcs
①0	底座底盖	塑壳-底座底盖-PC-黑色-55.3*55.3*4-REACH-R	1	pcs
⑨	螺丝	螺丝-C1010-沉头平尾-十字-镀镍-M2*4-HF	4	pcs
⑧	主板	LACC149三合一无线充QI2.0 25W主板（SMT）	1	pcs
⑦	底座外壳	塑壳-底座外壳-PC-黑色-60*60*52.75-REACH-R	1	pcs
⑥	导光柱	导光柱-PC-半透明-8.5*7*7-REACH+R	1	pcs
⑤	配重块	配重块-镀锌板-55*47*3-REACH-R	3	pcs
④	螺丝	螺丝-C1010-带介子平尾-十槽-镀黑锌-2*6-HF	3	pcs
③	泡棉	泡棉-EVA -11.5*9*3-背胶-REACH+R	1	pcs
②	磁铁	磁铁-N48-镀锌-银色-8*6*2-R	1	pcs
①	C962电子线	WIRE-UL1571 24#(29/0.1)镀锡铜-铁氟龙-OD1.0-R	3	pcs
ITEM	NAME	DESCRIPTION	Q'TY	UNIT

④3	HSG	HSG-高温塑料-乳白色-PH1.25—3PIN-镀金-REACH+R	1	pcs
④2	屏蔽罩	屏蔽罩-洋白铜-本色-加漆-25.88*13.21*4.8-R	1	pcs
④1	左弹簧	左弹簧-碳钢-镀镍-20*4*0.35-REACH+R	1	pcs
④0	导杆	导杆-SUS301-镀镍-Ø1.8*53-REACH+R	2	pcs
③9	右弹簧	右弹簧-碳钢-镀镍-20*4*0.35-REACH+R	1	pcs
③8	内架下盖	塑壳-内架下盖-PC-黑色-55.57*55.46*11.6-REACH-R	1	pcs
③7	内架上盖	塑壳-内架上盖-PC-黑色-55.7*55.65*18.9-REACH-R	1	pcs
ITEM	NAME	DESCRIPTION	Q'TY	UNIT

X.±0.3	X.°±0.3	Customer P/N: B25M5J11-1 Customer REV.: *	LUXSHARE-TECH		
.X±0.15	.X°±0.2				
.XX±0.1	.XX°±0.1				
.XXX±0.05	.XXX°±0.05	PART NO. L199WC195-CS-R1	SUPPLIER P/N: * LACC149三合一无线充QI2.0 25W+UL黑（无包材）		
UNITS:	mm	APPD: XIONGWU LI	DWG NO: L199WC195-CS-R1		
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF LUXSHARE-TECH AND SHALL NOT BE REPRODUCED, COPIED OR CUED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF LUXSHARE-TECH		CHKD: LIBING ZENG XIANLIANG ZENG			
		DRAW: RUOXUN YIN			
			SCALE	SHEET	REV.
			1:1	6/9	A1

	8		7		6		5		4		3		2		1																																						
E	RoHS2.0 Reach CP65					F.Anhydrous alcohol (concentration above 99.5%), wear testing machine, with pure cotton cloth (special Testfabrics AATCC dry and wet friction resistant white cotton cloth) dipped in anhydrous alcohol (wrapped in the test head, the area after the package is about 1cm²), apply 500g load, at the speed of 40 to 60 cycles/minute.UV paint and electroplating products test 100 times, screen printing on the material surface, silicone pad, paint surface wipe 50 cycles, wipe 15 cycles on the TPU back and forth, allowing the font to have slight wear and fade after the test, but the font content is still complete and recognizable. 无水酒精（浓度99. 5%以上），耐磨试验机, 用纯棉布(专用Testfabrics AATCC美标干湿耐摩擦白棉布)蘸满无水酒精（包在测试头上, 包过后面积约为1cm²），施加500g的载荷, 以40~60个循环/分钟的速度。UV漆及电镀类产品试验100次, 丝印在素材表面、硅胶垫上、油漆表面的来回擦拭50个循环, 在TPU上的来回擦拭15个循环, 测试后允许字体有轻微的磨损及褪色, 但要求字体内容仍完整可辨认。										E																																					
D	NOTES:(注解) 1. Appearance should comply with customer standard document and the content should comply with drawing. 外观依照客户外观标准文件、高低级及断差、内容应符合图纸。 2.Mechanical Test(机械测试): A.Unit drop: falls freely at the height of 100cm on the 20mm thickness oak wood floor, once on each surface under 4 conditions(top cover open, popup cabinet closed/top cover open, popup cabinet open/top cover closed, popup cabinet open), 6times, no crack on enclosure and no damage of electrical function 单体跌落:高度100cm自由跌落于20mm厚橡木地板, 四种状态（上盖打开, 弹仓关闭/上盖打开, 弹仓打开/上盖关闭, 弹仓关闭/上盖关闭, 弹仓打开）下每个面一次, 跌落6次,外壳无开裂, 内部无异响, 电性正常。					G.Tilt test: charge iPhone14 Pro Max with apple magnetic cover/without cover, adjust the top cover to the biggest angle（60°），test by both vertical and horizontal direction, click on the iphone screen when charging, there should be no big sway or iphone, fall-off, when the iphone chage with cover, the bottom should not touch the desktop. 倾斜测试:iPhone14 Pro Max带官方磁吸壳/不带壳放置充电, 上盖调整到最大角度（60°）,分别测试手机水平/垂直2个方向,模拟用户在充电时点击手机屏幕,放置充电时整机不可倾倒,模拟用户点击屏幕时手机不会出现较大晃动或手机掉落,带壳状态下正常放置充电时手机底部,不碰到桌面。										D																																					
C	B.Vibration test : start the test with sine wave and the frequency from 7Hz~200Hz~7Hz, 15min, 3 directions, each 12 times, 3h; 7Hz~18Hz, keep the peak acceleration rate as 9.8m/s2, amplitude0.8mm(1.6mm displacement) till the rate arrived at 74.8m/S2(around 50Hz frequency) then keep the rate as 78.4m/S2 till the frequency arrived at 200Hz. Test order, thermal cycle-vibration test-drop test, after the test, there is no cark or internal noise or component fall-off, no Magnet displacement, no function damage 振动测试:采用正弦波进行振动, 并以对数扫频方式从 7Hz~ 200Hz~ 7Hz, 15 min, 3 个方向, 每个方向 12次,振动 3h; 7Hz~18Hz 保持 9.8 m/s2 的峰值加速度,幅值: 0.8mm(位移为 1.6mm) 直至峰值加速度达到 78.4m/s2(频率约为 50Hz), 保持78.4m/s2 的峰值加速度直到频率增长到200Hz,测试顺序: 高低温循环➡振动➡跌落串行测试 ,产品不破裂, 晃动产品, 内部无声响或明显部件松动, 磁铁无移位, 产品各功能正常					H.Spindle life test: open and close the top cover for 5000 times, there should be no displacement and the damp should be not obviously decreased. Put the iPhone15 Pro Max for 10min, the top cover angle should not be automatically decreased or enlarged . After the test, should no impact on the function of open-and-close of top cover, the damp should be within 6-12N 转轴寿命测试:上盖开合5000次, 上盖不能移位, 转轴阻尼无明显减小, iPhone15 Pro Max手机放置10分钟后, 上盖角度不能自动变小或变大,上盖开合测试后不影响上盖闭合,阻尼力范围6-12N;										C																																					
B	C.USB mechanic strength test: 50N, total 5 directions, 1min for each direction.After the test , no electrical failure, and the insertion and extraction force should be within 6-25N,noterminal copper exposed USB机械强度测试:50N, 5个方向每个方向持续1min, 测试后产品电性接触正常、无明显损伤、测试前后插拔力在6-25N内且需检查粗端子是否有露铜					I.Popup cabinet life test: test for at least 3000 times, after test, the cabinet should pop out and retract normally, no mechanic or function damage;Press the magazine, and the magazine automatically pops out >10mm 弹仓寿命测试:弹仓弹出/收回至少3000次,测试后弹仓能正常弹出/收回, 弹出不出现卡顿、结构和功能不损坏;按压弹仓, 弹仓自动弹出>10mm										B																																					
A	D.Vertical magnetic force test: test the full force by vertical direction and the magnetic force should be within 6.37-10.79N 垂直磁力测试:垂直方向测试拉拔力, 磁力范围6. 37N~10. 79N; E.Type-c plug endurance: total 10000 times at the speed of 500 times /H. After the test ,no electrical failure, and the insertion and extraction force should be within 6-25N Type-c插拔耐久:以速度500次/H拔插10000次,测试后产品电性接触正常、无明显损伤、测试前后插拔力在6-25N内且需检查粗段子是否有露铜;					<table><tr><td>X.± 0.3</td><td>X.°±0.3</td><td rowspan="2">Customer P/N: B25M5J11-1 Customer REV.: *</td><td colspan="3" rowspan="2">LUXSHARE-TECH</td></tr><tr><td>.X± 0.15</td><td>.X°±0.2</td></tr><tr><td>.XX± 0.1</td><td>.XX°±0.1</td><td rowspan="2">PART NO. L199WC195-CS-R1</td><td colspan="3" rowspan="2">SUPPLIER P/N: * LACC149三合一无线充QI2.0 25W+UL黑（无包材）</td></tr><tr><td>.XXX± 0.05</td><td>.XXX°±0.05</td></tr><tr><td>UNITS:</td><td>mm</td><td rowspan="2">APPD: XIONGWU LI CHKD: LIBING ZENG XIANLIANG ZENG</td><td colspan="3" rowspan="2">DWG NO: L199WC195-CS-R1</td></tr><tr><td colspan="2">THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF LUXSHARE-TECH AND SHALL NOT BE REPRODUCED, COPIED OR CUED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF LUXSHARE-TECH</td></tr><tr><td colspan="2"></td><td>DRAW: RUOXUN YIN</td><td rowspan="2"></td><td>SCALE</td><td>SHEET</td><td>REV.</td></tr><tr><td colspan="2"></td><td></td><td>1:1</td><td>7/9</td><td>A1</td></tr></table>										X.± 0.3	X.°±0.3	Customer P/N: B25M5J11-1 Customer REV.: *	LUXSHARE-TECH			.X± 0.15	.X°±0.2	.XX± 0.1	.XX°±0.1	PART NO. L199WC195-CS-R1	SUPPLIER P/N: * LACC149三合一无线充QI2.0 25W+UL黑（无包材）			.XXX± 0.05	.XXX°±0.05	UNITS:	mm	APPD: XIONGWU LI CHKD: LIBING ZENG XIANLIANG ZENG	DWG NO: L199WC195-CS-R1			THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF LUXSHARE-TECH AND SHALL NOT BE REPRODUCED, COPIED OR CUED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF LUXSHARE-TECH				DRAW: RUOXUN YIN		SCALE	SHEET	REV.				1:1	7/9	A1	A
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E	RoHS2.0		Reach		CP65		of the total grids; for unit grid, the peeled off area should not exceed 5% of the total area, the silkprint should not peel off.										E				
	J.Popup cabinet pressure test: fix the product and press the cabinet with 5N force, after the test, the cabinet could work normally and there should be no total 3000 times at the speed of 15 times /Min. After the test , no stuck or mechanic & function damage 弹仓侧压力测试:机身固定, 以5N力按压弹仓,测试后弹仓能正常弹出/收回, 不出现卡顿、结构和功能损坏;										附着力测试:测试前将样品编号, 确认产品外观OK后, 用百格刀在测试样本表面划10×10个1mm一条划线应深及油漆的底层,用毛刷将测试区域的碎片刷干净, 用粘附力350g/cm2~400g/cm2的胶带（3M 600号胶纸或等同）牢牢粘住被测试小网格,并用橡皮擦用力擦拭胶带,以加大胶带与被测区域的接触面积及力度,丝印字体处采用胶纸拉拔测试（不划百格）, 大面积的丝印则需要按照正常要求测试,用手抓住胶带一端,在垂直方向（90°）迅速扯下胶纸同一位置进行改3次相同试验,测试完成后检查测试面外观: 判定标准: 附着力≥4B为合格: 有涂层脱落的方格数不大于总方格数的3%, 单个方格涂层脱落面积不大于单个方格总面积的5%, 丝印字体胶纸拉拔不可有掉漆现象										
D	K. Cabinet surface abrasion: pop out and retract for 1000 times, after the test, should be no obvious scratch on A surface of cabinet 弹仓表面磨损:模拟用户使用, 弹仓弹出/收回1000次,1000次弹出/收回对弹仓A面不造成较明显的划痕										P. Eraser abrasion test:GP-7017R cylindrical eraser (diameter 6.5-7.0mm), apply 500g load, stroke 20mm, at the speed of 20-30 cycles/minute, back and forth friction on the surface, treatment surface, printing font or pattern surface, electroplating surface, UV surface 200 times, PU paint surface 150 times,Screen printing on top of the paint for 50 cycles,after the test, the surface should not expose the bottom material under the paint, the printing is allowed for slight blur or fading, but the content should still be complete and visible.										D
	L.Food pat push test: put the sample into 60℃ cabinet for 6h and then take out on marble desktop, loaded with 2kg weight and push the sample horizontal to 20mm displacement, total 5 times, after the test, the pat should be no tilt or fall-off 脚垫推移:将被测样品放入60℃高温箱存储6h, 然后取出, 脚垫面放在大理石桌面上, 样品加上2kg砝码, 用推力计与桌面水平平行, 推动样品移动20mm的位移, 总共进行5次推移,测试完后观察脚垫是否有翘起或脱落。										橡皮耐磨测试:采用GP-7017R型号的圆柱形橡皮擦（直径为6.5-7.0mm）,施加500g的载荷, 行程20mm, 以20-30个循环/分钟的速度,在表面、处理表面、印刷字体或图案表面来回磨擦, 电镀件表面、UV表面200次, PU漆表面150次, 丝印在油漆上面的50循环 判定标准: 试验后产品表面、丝印表面、电镀件表面要求无露出底材, 印刷字体（图案）允许有轻微的模糊、变浅, 但要求字体（图案）内容仍完整, 信息可清晰辨认。										
C	M.Apple silicon/leather iphone cover test: charge iphone with apple silicon/leather cover from 0% to 100% under 30℃ ambient environment, after the test, there should be no leather/silicon melt or imprint on the surface of wireless charger 苹果原装硅胶/皮革保护壳测试:iPhone带苹果原装硅胶/皮革保护壳在30℃环境下从0%充到100%测试完成后苹果原装硅胶/皮革保护壳未出现粘在无线充表面、印痕等异常										Q.Perspiration test: Mix the ammonia 1.07%, Nacl 0.48%, water 98.45%, and soap the mixed liquid with a piece of cloth, put on the surface of sample and sealed it with plastic bag, put it under ambient environment, 24h for UV paint surface. After the test, check the appearance and test the adhesive of paint. Judgement: there should be no obvious fading or bubble on the appearance, the adhesive test should ≥3B. The bubble OD on the paint should <0.8mm,no more than 5 bubble.										C
	N.RCA paper tape wear resistance: with a special RCA wear resistance tester and a special paper tape, 175g load is applied.Drive the paper tape on the surface of the sample (flat area) for a certain number of cycles (continuous), the surface coating UV wear resistance for 100 cycles, PU paint for 100 cycles, after the completion of the test opaque. RCA纸带耐磨:用专用的RCA耐磨测试仪及专用的纸带, 施加175g的载荷, 带动纸带在样本的表面（平面区域）磨擦一定次数的循环（连续）,表面涂层UV耐磨为100个循环、PU漆为100个循环,测试完成后不透底。										耐手汗测试:按汗水成份配置试剂: 氨水（购买的氨水成品） 1.07%, 氯化钠0.48%, 水98.45%用汗水浸泡后的无尘布贴在产品表面上并用塑料袋密封好, 在常温环境下放置,针对UV漆试验时间均为24h,此项试验只针对外表面处理类测试, 试验完成后检查油漆的外观, 并测试油漆的附着力,判定标准: 产品的外观无明显变色、起泡等外观异常, 附着力测试≥3B时为合格, 单件上油漆起泡直径小于0.8mm, 数量小于5个点是可以接受的										
B	O. Adhesive test: mark the test sample and se the cross-cut knife to scratch 10×10 1mm lines on the sample surface, the scratch should reached the bottom layer of paint, brush and clean up the cross cut area, stick adhesive tape(3M 600# tape or equivalence) with 350g/cm2~400g/cm2 on the surface, and quickly peel off by vertical direction （90°）, 3 times, and check the appearance. The silkprint area do not need cross cut, just use the adhesive tape for test. Judgement: Adhesive force ≥4B is qualified: the quantity of peeled off grid should not exceed 3%																				B
A																					A
	8		7		6		5		4		3		2		1						

8		7		6		5		4		3		2		1	
RoHS2.0		Reach		CP65											
E	R. Cosmetic test: Paint the Vaseline moisture on the surface of sample, and set the temperature & humidity to 55°, 95%RCH, 24H later, clean the sample and put it under ambient environment for 2h and check the appearance and adhesive force. Judgement: no obvious fading, bubble, adhesive test ≥3B														E
	耐化妆品:用凡士林特效润肤露（干燥滋润配方），设置温湿度（55°, 95%RCH),试验时间24H将产品取出后，把化妆品擦拭干净，并在常温环境下放置2h以上后检查产品外观，并测试油漆的附着力，判定标准：产品表面无明显变色、起泡等外观异常,附着力测试≥3B时为合格														
D	S. UV test: put the sample under the UV light with 0.89W/m²,340nm wavelength, set the temp. for bottom cover as 60±3℃ for illumination, 50±3℃ for condensation, 8h for illumination, 4h for condensation, 8 cycles. Judgement: after the test, there should be no fading, bubble or paint peel off, adhesive test ≥3B. Color difference standard: spray, plastic material ΔE≤2.0, ink products ΔE≤3.0														D
	UV光照测试:放置在照射能量0.89W/m²波长340nm，底壳表面温度60±3℃，底壳表面温度50±3℃的环境中，进行8小时照光，4小时冷凝测试，循环次数8，判定标准：试验后油漆颜色不出现明显变色、起泡、油漆脱落等异常；且附着力测试≥3B 时为合格。														
	色差值标准：喷涂、 塑胶素材 ΔE≤2.0，油墨产品 ΔE≤3.0														
C	T. Hardness test: test with 1H pencil(MITSUBISHI pencil), keep the tip of pencil as 3mm length and make it a 90° angle with the 400# abrasive paper, abrade the pencil tip till the it is smooth. Then equipped the sample with the professional pencil hardness tester(1kg load on the pencil tip, angle between pencil and horizontal line as 45°), push the pencil 5mm forward, total 5 lines(different position) and clean the pencil mark with eraser(1mm from the beginning point is not counted), after the test, check whether the appearance is qualified. Judgement: there should be no imprint or scratch on the surface, The hardness requirement of vacuum plating, electroplating, matte UV paint is 1H, and the hardness requirement of PU paint and high light UV paint is HB														C
	硬度测试:用1H铅笔（MITSUBISHI铅笔），将铅笔削至露出圆柱形铅芯3mm长度左右，握住铅笔使其与400号水砂纸成90度角，在砂纸上面不停划圈以摩擦笔芯端面，直至获得端面平整边缘锐利的铅芯时为止（边缘不得有破损及缺口），确认产品外观OK后，将产品装在专用的铅笔硬度测试仪上(施加在笔尖上的载荷为1kg，铅笔与水平面的夹角为45°)，推动铅笔向前滑动5mm长，共划5条(不同位置)，再用橡皮擦将铅笔痕擦拭干净（起笔处1mm内的硬划伤不计算），测试完成后检查测试面是否符合设计要求，判定标准：外表面不允许有压痕及划痕，真空镀、电镀、哑光UV漆的硬度要求为1H， PU漆、高光UV漆的硬度要求为HB														
B															B
A	3.Environmental Test(环境测试):														A
	3.1. Thermal cycle storage test: -10~60℃/min, 8 cycles, 1h under ambient environment Judgement: no fading, bubble, crack, no function damage.														
	高低温存储:环境温度-10~60℃/1分钟循环8个周期，常温放置1H,判定标准：产品表面无变色、起泡、龟裂等外观异常，功能、性能无异常；														
	3.2.High temperature storage: Temperature 60℃, humidity 90%-95%, 24h. At least 2h under ambient environment. Judgement: no fading, bubble, no function damage, Magnetic force should within the range of MFi SPEC.														
8		7		6		5		4		3		2		1	