



标准&定制开关连接器产品制造商

DONG GUAN XI BANG ELECTRONICS CO., LTD.

规格书

SPECIFICATION

CUSTOMER NAME 客户名称: _____

CUSTOMER NO. 客户编号: _____

SERIES 系列: 纽扣电池座连接器

MODEL NO. 型号: _____

DRAWING NO. 图形号: Lithium Coin Cell Battery Holders

If specification of this product meets your request, please confirm all the items of it and return to us with signature and stamp, it will be basis of our production and record. Thanks your cooperation in advance!

若此产品规格符合贵司要求，敬请确认此规格书内所有项目
并签名和盖章后回传给我司，以作我司产品制作之
依据和存档之用，多谢合作！

EXAMINE & APPROVAL 审批

APPROVE 接受	NOT APPROVE 不接受
SIGNATURE 签署 STAMP 盖章 DATE 日期	

PREPARED BY. 制表人	CHECKED BY. 校对	APPROVED BY. 审核	APPROVAL BY. 批准
<div style="border: 1px solid red; padding: 2px; display: inline-block;">研发部</div> <div style="border: 1px solid red; padding: 2px; display: inline-block;">戴海明</div> <div style="border: 1px solid red; padding: 2px; display: inline-block;">2022. 06. 08</div>	<div style="border: 1px solid red; padding: 2px; display: inline-block;">品质部</div> <div style="border: 1px solid red; padding: 2px; display: inline-block;">黄自清</div> <div style="border: 1px solid red; padding: 2px; display: inline-block;">2022. 06. 08</div>	<div style="border: 1px solid red; padding: 2px; display: inline-block;">工程部</div> <div style="border: 1px solid red; padding: 2px; display: inline-block;">庞军</div> <div style="border: 1px solid red; padding: 2px; display: inline-block;">2022. 06. 08</div>	<div style="border: 1px solid red; padding: 2px; display: inline-block;">总经办</div> <div style="border: 1px solid red; padding: 2px; display: inline-block;">吴量</div> <div style="border: 1px solid red; padding: 2px; display: inline-block;">2022. 06. 08</div>

东莞市溪榜电子有限公司

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Dong Guan XB Electronics Co., Ltd

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Bank Code: 006

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Quality core! Afterburner for Made in China!



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SPECIFICATION规格书

Model Type: 类型型号:	The battery holder	WRITTEN 制作	CHECKED 审核	APPROVED 批准
Part No.: 料号:		陈玲丹	王 建	丁大果

1. Scope / 适用范围

This specification is applied to THE BATTERY HOLDER which is used for electric products.

本规格书适用于电子产品上的电池座连接器。

2. 标准文件 Related Standards

2-1 IEC512

3. Rated / 额定值

3-1. Practical temperature range: -30°C to +80°C

适用温度范围: -30°C to +80°C

Humidity range: 70% RH.MAX.

湿度范围: 70% RH.MAX.

3-2. Preservation temperature range: -10°C to +70°C

保存温度范围: -10°C to +70°C

Humidity range: 70% RH.MAX.

湿度范围: 70% RH.MAX.

3-3. Rated voltage and current: 12V DC , 1.0A

额定电压和额定电流: 12V DC , 1.0A

3-4. Appearance : No scratches、soil、rust or discoloration shall be observed.

外观: 表面无划伤、脏污、生锈或变色等现象。

4. Construction / 说明

4-1.Outline And Dimension / 外观和尺寸

Outline and dimension of the jack shown be as attached assembled drawing.

插座的外观和尺寸应与附件图纸相符。

4-2.Part And Material 部件和材料

The parts and materials shown be in material identification sheet and certification of material.

部件和材料应与材料清单规格一致。

5. Electrical efficiency / 电气特性

Item 项目	Property 特性	Test condition 测试条件	Performance 判定
5-1	Withstand voltage 耐电压	The Jack shall be withstanded 500V (AC 50/60Hz RMS) between mutually insulated pin contacts for one minute. 在相互绝缘的接触脚之间, 插座能承受500V电压(AC 50/60Hz RMS)并持续1分钟。	No dielectric breakdown shall occur. 无击穿现象发生
5-2	Insulation resistance 绝缘阻抗	Using a 500 volts DC insulation resistance meter between mutually insulated terminals or metallic parts 在相互绝缘的端子、端子与外壳之间, 插座应能承受施加的250V直流电压。	100 MΩ MIN. 最小100 兆欧



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Model Type:
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The battery holder

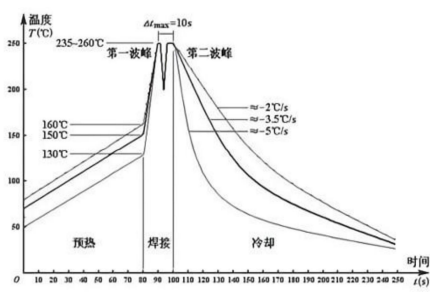

Item 项目	Property 特性	Test condition 测试条件	Performance 判定
5-3	Contact resistance 接触阻抗	two terminals form a closed loop 两个终端构成一个闭合回路.	50 mΩ MAX. 最大50毫欧

5. Mechanical efficiency 机械特性

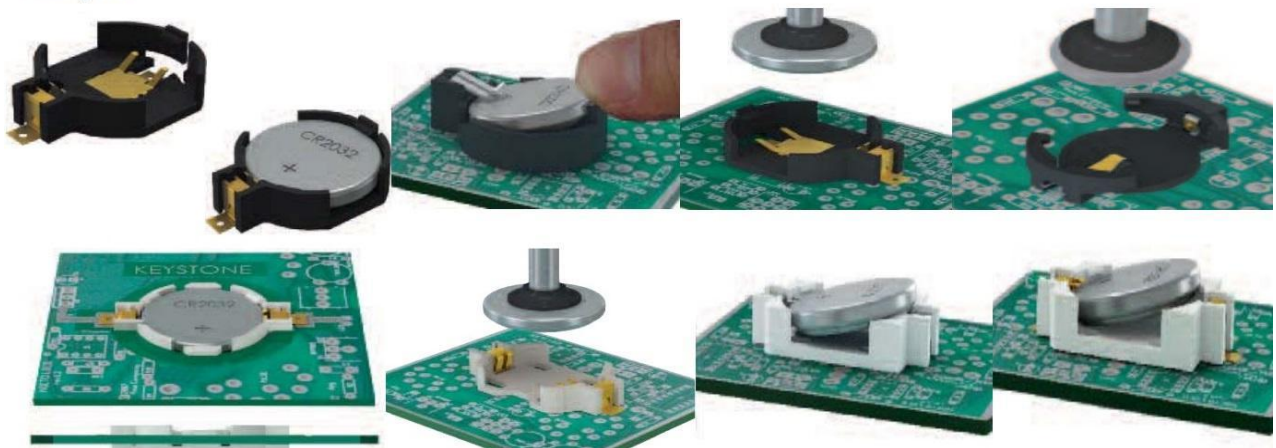
Item 项目	Property 特性	Test condition 测试条件	Performance 判定
6-1	Durability 耐插拔	Finished soldered connector pcb board analog test compression, bounced once for a period of compression 2000 times the test speed: 400-600 times per hour EIA-364-09 将连接器成品焊接在pcb板上模拟测试压缩、弹开一次为一个周期，压缩2000次，测试速度：400-600次每小时 EIA-364-09	1. Shall meet visual requirement, show no physical damage. 2. Initial : 50 mΩ MAX 3. Final: 100 mΩ MAX 1.产品外观符合需求，无任何物理损伤 2.初期接触电阻：50 mΩ MAX 3.终期接触电阻：100 mΩ MAX
6-2	Signal Contact Normal Force 接触端子弹力	Measure contact normal force: terminal contact point (By drawing requirements) EIA-364-04 在同一测量方向用标准的测力治具及专用测试设备（依图面要求） EIA-364-04	Without loosening and breakdown, but deformation of terminal is accepted. Normal Force:0.4N-1.2N 无松脱、破损等现象，但是端子变形可以接受。 端子弹力：0.4N -1.2N

Model Type: 类型型号:	Thebatteryholder
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7. Solderability / 焊锡试验

Item 项目	Property 特性	Test condition 测试条件	Performance 判定
7-1	Resistance to soldering heat test 耐焊性试验	The jack terminal shall be dipped in solder under the condition as specified below: Temperature of solder: 260±3°C. Dip time: 5±1 seconds. 端子浸入锡炉里, 按以下条件测试: 焊锡温度: 260±5°C 浸入时间: 5±1 秒	The jack shall be comply with paragraphs 4-1 and 5. Insulation resistance: 100 MΩ or more Contact resistance: less than 30 mΩ 能满足项目5和6。 绝缘电阻: 最小100兆欧 接触电阻: 不超出50毫欧
7-2	Soldering test 可焊性试验	使用槽焊法: 温度: 235°C±5°C; 时间: 3秒±0.5秒 Solder bath method: Temperature: 235°C±5°C; Time: 3±0.5s 	Areas of soldering shall be capable of 95% or more of dip terminal area. 端子顶端沾锡面积要求达到95%以上。 

安装细节 Mounting Detail





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Model Type:
类型型号:

Thebatteryholder

8. Environment test / 环境试验

Item 项目	Property 特性	Test condition 测试条件	Performance 判定
8-1	Cold test 低温测试	<p>The jack shall be subjected to temperature of $-30\pm 2^{\circ}\text{C}$ for a period of 96 hours ,then shall be allowed to remain in room ambient conditions for 30 minutes.</p> <p>将插座放置在$-30\pm 5^{\circ}\text{C}$低温条件下持续96小时，然后在室温条件下静置30分钟。</p>	<p>The jack shall be comply with paragraphs 4-1 and 5.</p> <p>Insulation resistance: 100 MΩ or more Contact resistance: less than 50 mΩ</p> <p>能满足项目5和6。 绝缘电阻：最小100兆欧 接触电阻：最大50毫欧</p>
8-2	Heat test 高温试验	<p>The jack shall be subjected to temperature of $80\pm 2^{\circ}\text{C}$ for a period of 96 hours ,then shall be allowed to remain in room ambient conditions for 30 minutes.</p> <p>将插座放置在$80\pm 2^{\circ}\text{C}$高温条件下持续96小时，然后在室温条件下静置30分钟。</p>	
8-3	Humidity test 耐湿试验	<p>The jack shall be subjected to temperature of $30\pm 2^{\circ}\text{C}$ and relative humidity of 90% to 95% for a period of 96 hours.Upon completion of the exposure, dew drops shall be blown out and removed from the jack, after which the jack shall conditioned at room ambient conditions for 30 minutes.</p> <p>将插座放置在温度为$30\pm 2^{\circ}\text{C}$，相对湿度为90~95%的环境下持续96小时。完成以上事项后，除去插座上的水珠，然后在室温条件下静置30分钟。</p>	<p>The jack shall be comply with paragraphs 4-1 and 5.</p> <p>Insulation resistance: 50 MΩ or more Contact resistance: less than 30 mΩ</p> <p>能满足项目5和6。 绝缘电阻：最小50兆欧 接触电阻：不超出50毫欧</p>



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SPECIFICATION规格书

Model Type: **Thebatteryholder**
 类型型号:

Item 项目	Property 特性	Test condition 测试条件	Performance 判定
8-4	Temperature cycling test 温度循环试验	<p>The jack shall be subjected to conditions as shown in below, and then shall returned and allowed to remain in ambient condition for 30 minutes.</p> <p>将插座放置于如下所示条件下进行试验, 然后在室温条件下放置30分钟。</p> <p>(TEMPERATURE) 温度</p> <p>+80°C</p> <p>-30°C</p> <p>0h 2h 4h 6h 8h (TIME) 时间</p> <p>(five cycles) (5次)</p>	<p>The jack shall be comply with paragraphs 4-1 and 5.</p> <p>Insulation resistance: 100 MΩ or more</p> <p>Contact resistance: less than 30 mΩ</p> <p>能满足项目5和6.</p> <p>绝缘电阻: 最小100兆欧 接触电阻: 不超出30毫欧</p>
8-5	Salt mist test 盐雾试验	<p>Testing bath: The temperature shall be 35°C±2°C in the ambient of the jack during the test.</p> <p>Spray apparatus: The apparatus shall be capable of producing fine dense mist uniformly.</p> <p>Salt water: The concentration of the salt water shall be adjusted at 5±1% weight ratio at 35°C±2°C.</p> <p>Testing time: 24±0.5 hours.</p> <p>试验室: 在温度为35±2°C条件下进行测试</p> <p>喷雾设备: 设备应能承受均一浓度的盐雾</p> <p>盐水浓度: 在温度为35±2°C条件下, 盐水浓度为5±1%</p> <p>测试时间: 24±0.5小时</p>	<p>The jack shall be comply with paragraphs 4-1 and 5.</p> <p>Insulation resistance: 100 MΩ or more</p> <p>Contact resistance: less than 50 mΩ</p> <p>能满足项目5和6.</p> <p>绝缘电阻: 最小100兆欧 接触电阻: 不超出50毫欧</p>

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Model Type:
类型型号:

The battery holder

9. Test condition / 测试条件

The test and measurement, unless otherwise specified, shall be carry out at a temperature of 5°C~35°C, ,relative humidity of 45%~85%, and atmospheric pressure of 86kPa ~106kPa.

However, when any doubt arises on the judgment value under it. the test and measurement shall be carry out a temperature of 20±2°C, relative humidity of 60% ~70%, and atmospheric pressure of 86kPa~106kPa.

除非另有指定，否则测试和测量温度在5°C~35°C，相对湿度在45%~85%，气压在86kPa~106kPa条件下进行。

当在这个条件下判定出现疑问时，测试和测量在20±2°C，相对湿度60%~70%，气压在86kPa~106kPa条件下进行。

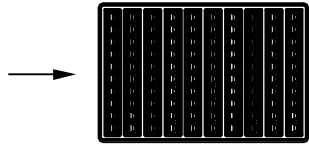
10. Amendment / 变更修正

When the amendment of this specification comes into necessity, it shall made by the mutual consultation and agreement between manufacture and customer.

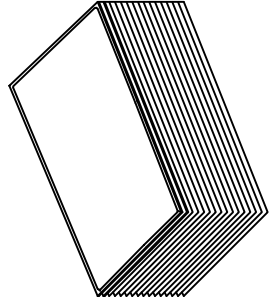
当有必要对规格书进行变更修正时，应该在制造商和客户共同商议及同意后才可以进行。

※ This specification is state with Chinese & English, Chinese is preferential while doubt in interpretation.
规格书同时记入中英文，但发生疑义的场所以中文优先。

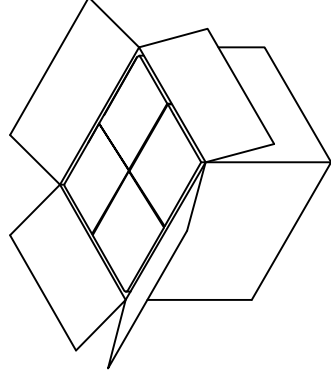
REV.	ECN/DESCRIPTION	BY	DATE
A0	NEW RELEASE	Xu.TW	10/18'16



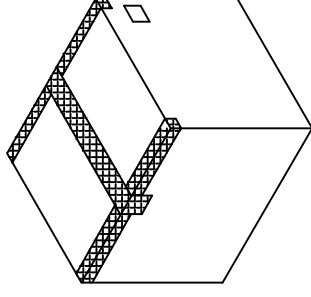
图一



图二



图三



图四

包装说明和注意事项:

- 将单个产品放入对应吸塑盒内 (图一)。
- 对每盘装好产品的吸塑盒盖上上盖,在PVC吸塑盒中间各订上一针 (图二)。
- 将装满产品的吸塑盒放入纸纸箱 (图三)。
- 用封箱胶纸将纸箱进行封装作业 (图四),并在纸箱的一侧右上角贴上下箱标签和RoHS标签 (图四)。
- 吸塑盒内产品不可多放或少放,方向要一致 (注最后一排产品反过来装,避免碰弯引脚)。
- 有未装满一箱要用泡棉或其它不影响品质之物品来填满并贴上注明尾数。

装箱数量:

100PCS/1盘, 100PCS*18盘*2叠=3600PCS/1箱.

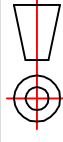
纸箱规格:

K=K 550*280*405mm



ASSEMBLY DRAWING		GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY:	TITLE:	
SIZE	UNITS	X ± 0.25	X° ± 3.0°	J.P. Gong	Button battery holder	
A4	MM [INCH]	.X ± 0.20	.X° ± 2.0°	CHECKED BY:	PART NO.:	
SCALE	REV.	.XX ± 0.10	.XX° ± 1.5°	Xu.TW	DWG NO.:	
1:1	A0	.XXX ± 0.05	.XXX° ± 1.0°	DESIGN BY:	SHEET	
				Xu.TW	1/1	

溪榜电子有限公司
DONG GUAN XI BANG ELECTRONICS CO.,LTD





东莞市溪榜电子有限公司 DESCRIPTION 变更记录

Model Type: The battery holder
类型型号:

Part No.:
料号:

No.: 序号:	REV: 版本:	MARK: 标记:	DESCRIPTION: 变更记录:	CHANGED: 变更人:	DATE: 日期: