



东莞市神久电子科技有限公司

DongGuan ShenJiu Electronic Technology Co., Ltd

Add: 东莞市黄江镇胜前岗五街五号五楼

Tel: 0769-83849285、83516915

Fax: 0769-86918226

Web: <http://www.gdsjsy.com>

E-mail: dgshenjiusy@163.com

规格承认书 APPROVAL SHEET

客户名称 Customer : _____

地址 Address: _____

电话 Telephone : _____

传真 FAX : _____

联系人 Contact: _____

品名 Product Name: 大电流电池连接器

型号 Mode No.: SJ-B10F-6P / 母座

料号 Material Numbers : _____

数量 Quantity : _____

承认项目 (Project): 成品\Product 样品\Sample 原材料\Material 其它\other

客户承认签核 (CUSTOMER APPROVAL):

品管 Q C	工程 Engineer	采购 Purchase	客户签章 Customer signature
pass <input type="checkbox"/> not <input type="checkbox"/>	pass <input type="checkbox"/> not <input type="checkbox"/>	pass <input type="checkbox"/> not <input type="checkbox"/>	
结果判定(Judge outcom): _____			
日期 (DATE) : _____			

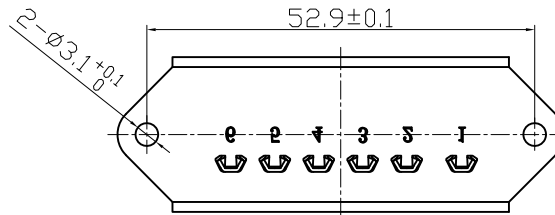
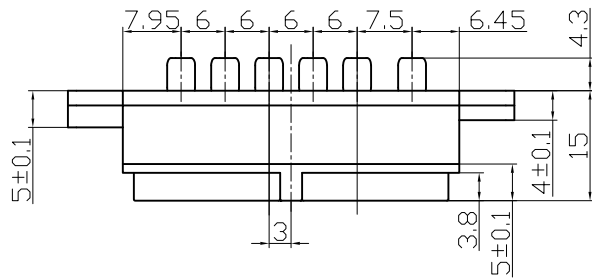
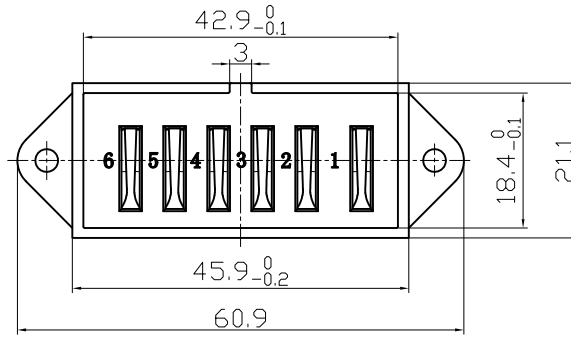
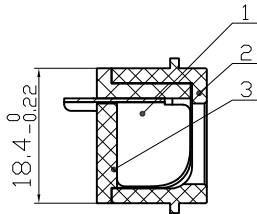
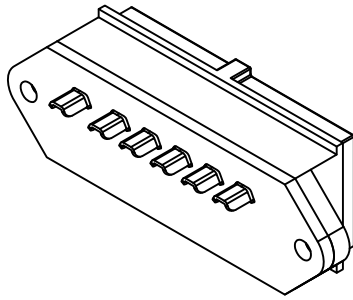
内部签核(Shenjiu APPROVAL):

制作\Prepared	检查\check	确定\APPROVAL	签章\APPROVAL SIGNATURE
刘程江	陆彩娟		

Rohs

受控文件

REV.	DESCRIPTION	DRAW.	DATE.



Material:
 Insulator : NYLON (UL94V-0)
 Contact : Phosphor Bronze
 Contact Plated : Nickel
 Specification:
 Current Rating : 15A
 Voltage Rating : 24V
 Contact Resistance : 100m Ω
 Insulation Resistance : 500M Ω
 Dielectric Voltage : 1500V
 Operating Temperature : -25°~85°



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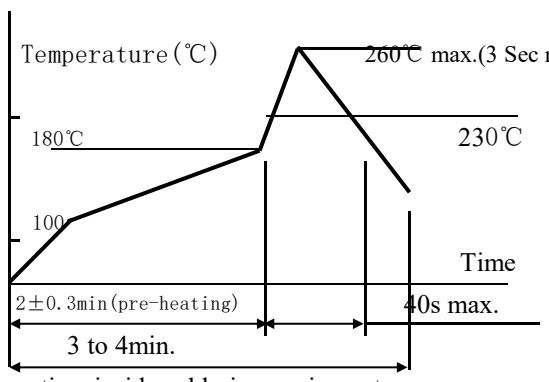

REV:	01
SIZE:	A4
SCALE: 1:1	UNIT: mm
SHEET: 1/1	

料号 : SJ-A3061

X.	±0.20
X.x	±0.15
X.xx	±0.10
ANGULAR	±2°

TITLE:	大电流电池连接器
PART NO:	SJ-B10F-XP-母座

DESIGN	DATE
DRAWING	DATE
CHECK	DATE
SCALE 1:1	PAGE 1 OF 1

ITEM 項目		TEST CONDITION 測試條件	PERFORMAENCE 性能
8.2	TERMINAL STRENGTH 端子強度	A static force of 500 g being applied in one direction on the tip of the terminal for 1 minute. 一個 500 克之靜負荷施加於端子頂部的一個方向持續1分鐘。	There shall be no sign of mechanical and electrical damage. 無任何迹象顯示機械及電器性能之損壞。
9. DURABILITY 耐久性			
9.1	SOLDERING TEST 可焊性試驗	The tip of the terminals shall be dipped 2 mm in the solder bath within temperature of 250±5°C for 3 seconds. 端子頂部被浸入焊錫池 2mm 深, 溫度250±5°C, 時間3秒。	Over 95% of the immersed surface was covered by tin. 浸入的部份95%以上表面將被錫覆蓋。
		The condition mentioned is temperature for lead-free soldering . 無鉛錫測試 Alloy: Sn 96.5% Cu 3% Ag 0.5% 成份: 錫 96.5% 銅 3% 銀 0.5%	
9.2	SOLDERING RESISTANT TEST 耐焊性試驗	Manual soldering temperature 300±5°C, soldering time 3±0.5 seconds, however excessive pressure shall not be applied to the terminal. 手焊接的時候溫度需控制在300±5°C, 時間為3±0.5秒, 但不能在端子上施加異常壓力。	Without deformation of case or excessive looseness of teminals, meet mechanical and electrical properties 本體無變形, 能滿足於機械、電器性能.
		The condition mentioned is temperature for lead-free soldering . 無鉛錫測試。 Alloy: Sn 96.5% Cu 3% Ag 0.5% 成份: 錫 96.5% 銅 3% 銀 0.5%	
9.3	REFLOW SOLDERING HEAT TEST 回流焊接熱試驗		
		<p>*Temperature means The temperature of he PC board * PC board thickness for 1.0 mm *溫度指PC板表面的溫度 *PC板厚度为1.0毫米</p> <p>The condition mentioned is temperature for lead-free soldering . 無鉛錫測試。 Alloy: Sn 96.5% Cu 3% Ag 0.5% 成份: 錫 96.5% 銅 3% 銀 0.5% Allowable soldering time: 1 time 回流焊次數: 1次</p>	

ITEM 項目		TEST CONDITION 測試條件	PERFORMAENCE 性能
9.4	LIFE TEST 壽命試驗	5000 cycles of operation at a rate of 15-18 cycles per minute with unloading 無負載條件下，每分鐘 15-18 次的速度操作 5000 次。	(1) Contact resistance 100mΩ max. 接觸電阻100毫歐 以下 (2) Insertion force: 插入力度：0.2~3.0kgf Extraction force: 拔出力度：0.2~3.0kgf (3) ITEM 項目—7.2 (4) ITEM 項目—7.3 (5) ITEM 項目—8.2
9.5	HEAT RESISTANT TEST 耐熱試驗	80±2℃ for 96 hours, test after keeping in normal condition for 30 minutes. 在 80±2℃ 環境中放96小時，再放在正常環境中30分鐘後進行測試。	(1) Contact resistance 100 mΩ max. 接觸電阻100毫歐以下 (2) Insulation resistance 50 MΩ min. 絕緣電阻50兆歐以上
9.6	MOISTURE RESISTANT TEST 耐濕試驗	40±2℃ 90-95% RH for 96 hours, test after keeping in normal condition for 30 minutes. 在40±2℃ 90-95% RH 環境中放96小時，再放在正常環境中，30分鐘後進行測試。	(3) There shall be no sign of mechanical and electrical damage. 無任何迹象顯示機械及電器性能之損壞。
9.7	COLD RESISTANT TEST 耐冷試驗	At -40±3℃ for 96 hours, test after keeping in normal condition for 30minutes. 在 -40±3℃ 環境中放96小時，再置於正常環境中，30分鐘後進行測試。	
9.8	TEMPERATURE CYCLING TEST 溫度交變試驗	According to following figure, after 5 cycles, test after keeping in normal condition for 30 minutes. 如圖示之環境中，循環5次後，再置於正常環境中，30分鐘後進行測試。 	





浙江中环铜业有限公司
浙江省绍兴柯桥区安昌街道白洋村

以下测试之样品是由申请者所提供及确认: C2680 (H65) 高精度黄铜带

SGS工作编号: SP20-028813 - SH

样品接收日期: 2020年09月07日

测试周期: 2020年09月07日 - 2020年09月09日

测试要求: 根据客户要求测试

测试方法: 请参见下一页

测试结果: 请参见下一页

结论: 基于所送样品进行的测试, 镉、铅、汞、六价铬、多溴联苯(PBBs)、多溴二苯醚(PBDEs)、邻苯二甲酸酯(如邻苯二甲酸二丁酯(DBP)、邻苯二甲酸丁酯(BBP)、邻苯二甲酸二(2-乙基己基)酯(DEHP)和邻苯二甲酸二异丁酯(DIBP))的测试结果符合欧盟RoHS指令2011/65/EU附录II的修正指令(EU) 2015/863的限值要求。



通标标准技术服务(上海)有限公司
授权签名

Lucy Yu 俞君屏
批准签署人



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测试结果:

测试样品描述:

SN1 SHA20-177735.001 黄色金属

备注:

- (1) 1 mg/kg = 0.0001%
- (2) MDL = 方法检测限
- (3) ND = 未检出 (< MDL)
- (4) "-" = 未规定



测试方法: 参考IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-1:2015, IEC 62321-6:2015和IEC 62321-8:2017, 采用ICP-OES, AAS, UV-Vis和GC-MS进行分析。

测试项目	限值	单位	MDL	001
镉 (Cd)	100	mg/kg	2	ND
铅(Pb)	1000	mg/kg	2	8
汞 (Hg)	1000	mg/kg	2	ND
六价铬(Cr(VI))▼	-	µg/cm ²	0.10	ND
多溴联苯之和(PBBs)	1000	mg/kg	-	ND
一溴联苯	-	mg/kg	5	ND
二溴联苯	-	mg/kg	5	ND
三溴联苯	-	mg/kg	5	ND
四溴联苯	-	mg/kg	5	ND
五溴联苯	-	mg/kg	5	ND
六溴联苯	-	mg/kg	5	ND
七溴联苯	-	mg/kg	5	ND
八溴联苯	-	mg/kg	5	ND
九溴联苯	-	mg/kg	5	ND
十溴联苯	-	mg/kg	5	ND
多溴二苯醚之和(PBDEs)	1000	mg/kg	-	ND
一溴二苯醚	-	mg/kg	5	ND
二溴二苯醚	-	mg/kg	5	ND
三溴二苯醚	-	mg/kg	5	ND
四溴二苯醚	-	mg/kg	5	ND



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测试项目	限值	单位	MDL	001
五溴二苯醚	-	mg/kg	5	ND
六溴二苯醚	-	mg/kg	5	ND
七溴二苯醚	-	mg/kg	5	ND
八溴二苯醚	-	mg/kg	5	ND
九溴二苯醚	-	mg/kg	5	ND
十溴二苯醚	-	mg/kg	5	ND
邻苯二甲酸二丁酯 (DBP)	1000	mg/kg	50	ND
邻苯二甲酸丁苄酯(BBP)	1000	mg/kg	50	ND
邻苯二甲酸二(2-乙基己基)酯(DEHP)	1000	mg/kg	50	ND
邻苯二甲酸二异丁酯(DIBP)	1000	mg/kg	50	ND

备注:

(1) 最大允许极限值引用自RoHS指令(EU) 2015/863。

IEC 62321系列等同于 EN 62321 系列

https://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP_ORG_ID,FSP_LANG_ID:1258637,25

(2) ▼ = a. 当六价铬的浓度高于0.13 µg/cm²时, 样品为阳性, 即含有六价铬;

b. 当六价铬的浓度为ND(低于0.10 µg/cm²)时, 样品为阴性, 即未检测到六价铬;

c. 当六价铬的浓度介于0.10 µg/cm²与0.13 µg/cm²之间时, 无法直接判定是否检测到六价铬, 因不同个体的样品表面差异可能会影响测定结果;

由于未获知样品的存储条件和生产日期, 样品的六价铬测试结果仅能代表测试时样品含六价铬的状态。

除非另有说明, 此报告结果仅对测试的样品负责。本报告未经本公司书面许可, 不可部分复制。

检测报告仅用于客户科研、教学、内部质量控制、产品研发等目的, 仅供内部参考。



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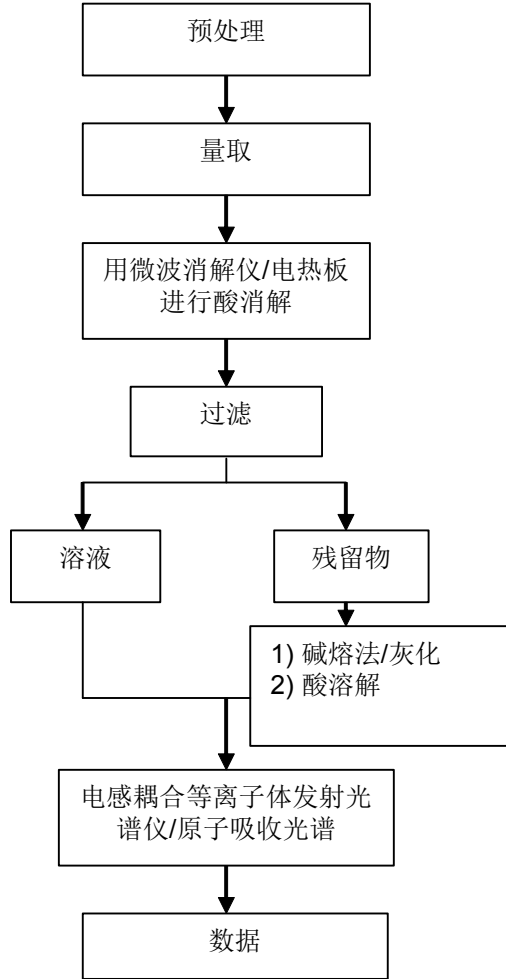
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附件

元素(IEC62321) 测试流程图

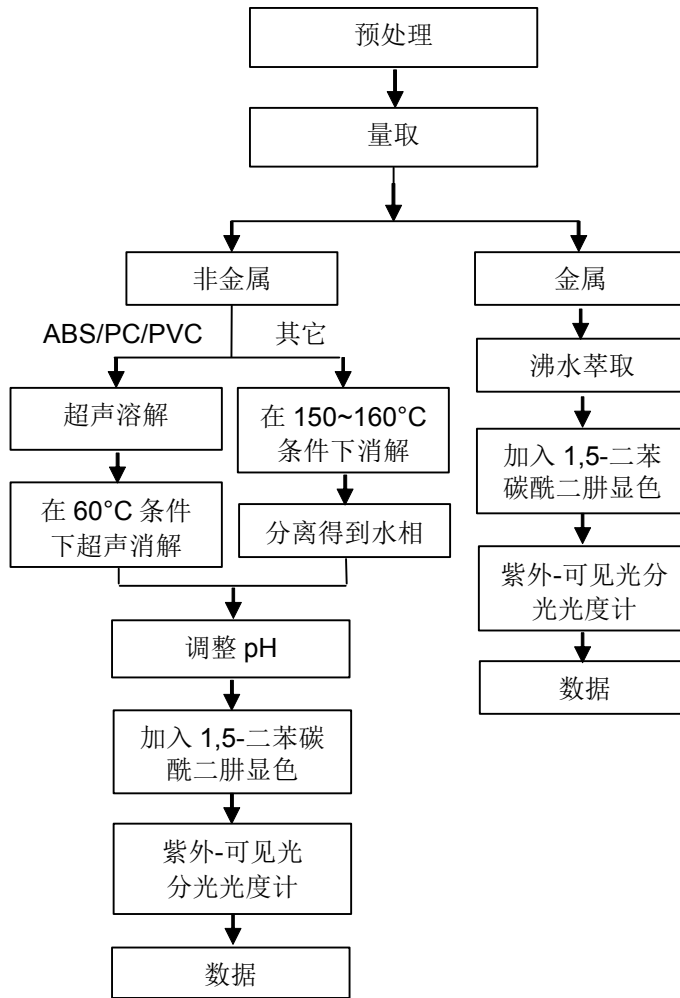
1)样品按照下述流程被完全消解





附件

六价铬测试流程图



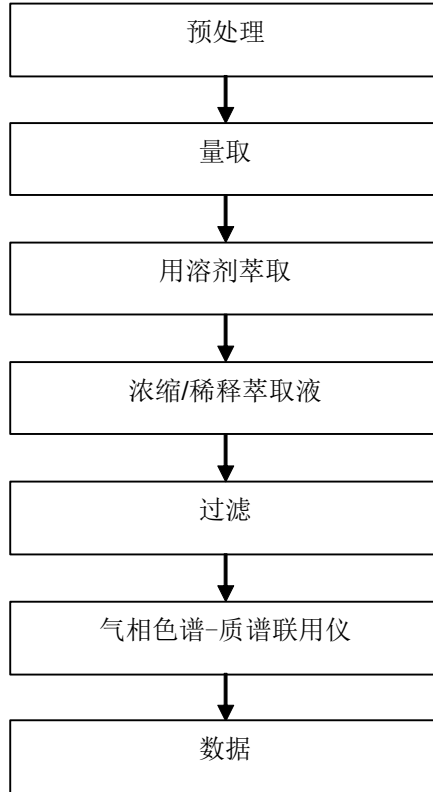
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PBBs/PBDEs 测试流程图



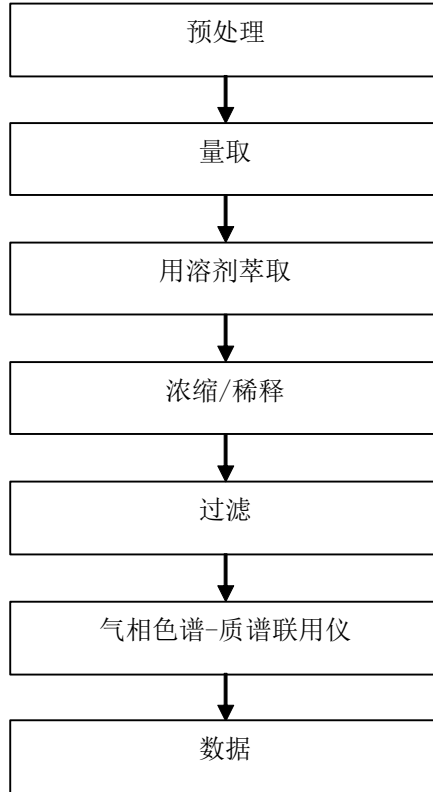
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Phthalates 测试流程图

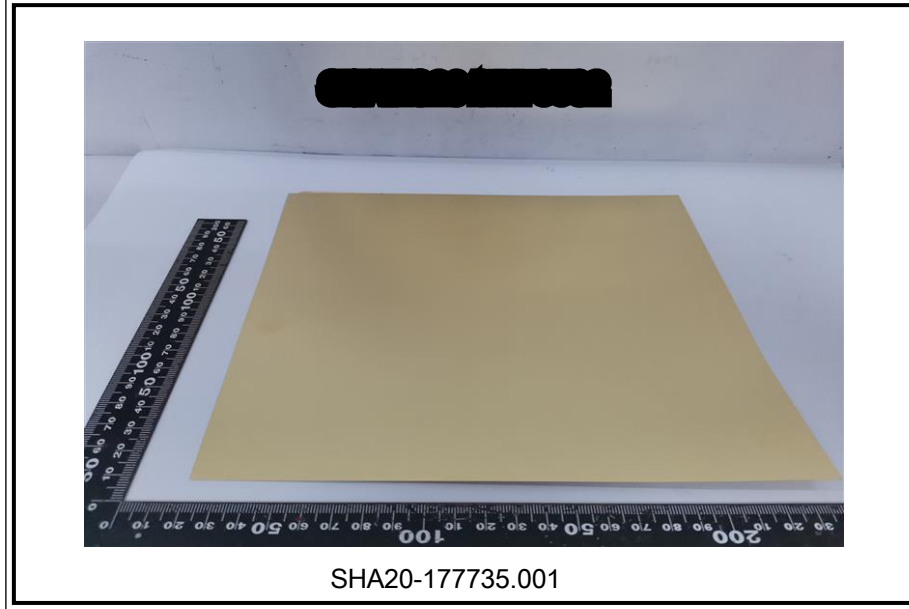


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