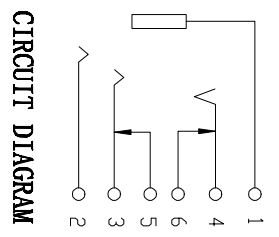
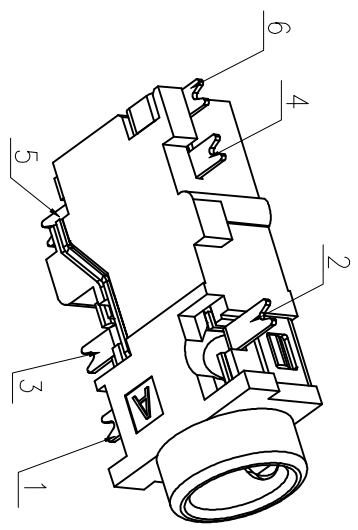
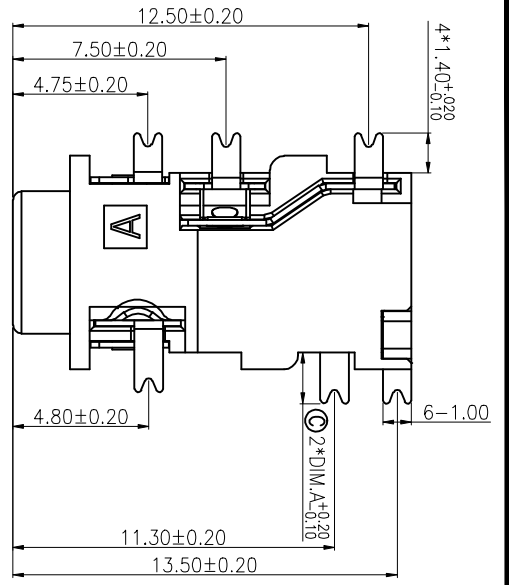
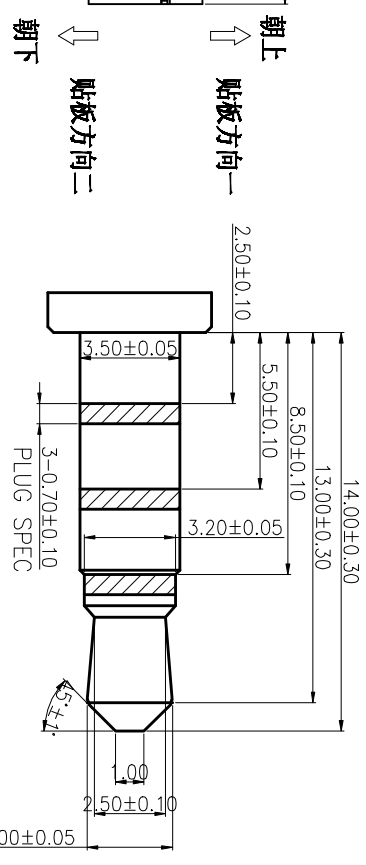
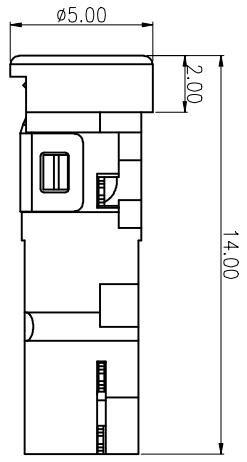
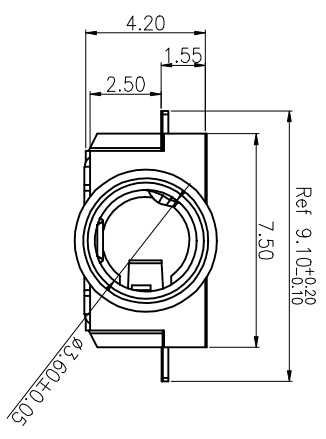


* 所有原材料, 生产制程, 电镀必须符合ROHS要求



CIRCUIT DIAGRAM

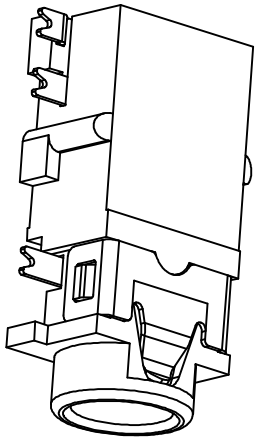


PART NUMBER:

008 1 X X B X XX A
 01:铁壳朝下反贴
 02:铁壳朝上正贴
 Q: 全区镀金1u"(符合ROHS制程)

A:铁壳朝下反贴
 B:铁壳朝上正贴
 C:长头
 D:短头

规格	DIM.A
0081XXBX01A	1.40
0081XXBX02A	1.80



REVISION NO.	REV. NO.	DESCRIPTION
C	RM-101105	将正贴产品翻脚加长0.40mm
B		新增正贴反贴PCB Layout, 以及料号区分
A		新发行

J&K

杰仕康电子科技有限公司
 JEXCONN INDUSTRIAL CO., LTD

DIMENSIONS UNIT: MM		TOLERANCES SPECIFICATIONS		TOLERANCES	
L1 ±	±0.30	L1 ±	±0.30	L1 ±	±0.30
L2 ±	±0.25	L2 ±	±0.25	L2 ±	±0.25
ANGLE ±	±1°	ANGLE ±	±1°	ANGLE ±	±1°

PRODUCT NAME:	DATE:
∅3.5MM JACK	2010-10-26

PRODUCT NO.:	DATE:
0081XXBXXXXA	2010-10-26

DESIGNER:	DATE:
Jack	2010-10-26

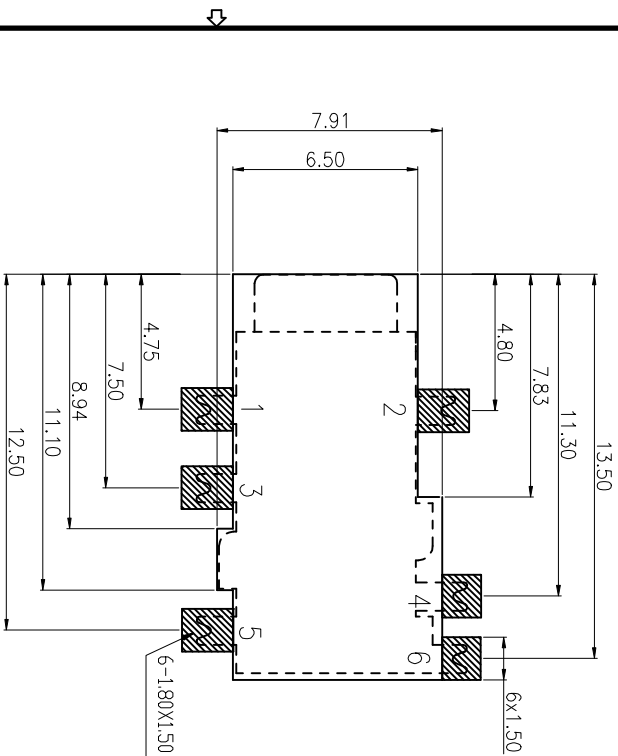
APPROVER:	DATE:
Jeff	2010-10-26

FILE NAME:	SCALE:
JK-008-008	1:1

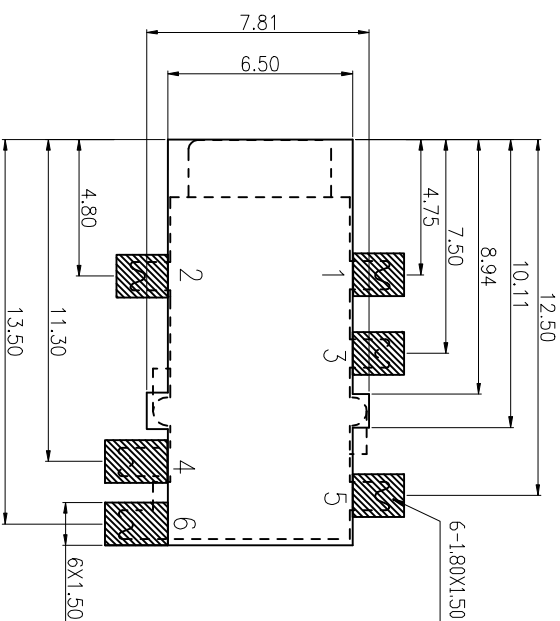
DATE:	ISSUE:
2010-10-26	1 OF 2

* 所有原材料, 生产制程, 电镀必须符合RoHS要求

RECOMMEND PCB LAYOUT(general dimension .x±0.15mm
.XX±0.05mm.xxx±0.02mm)Thickness(1.5mm±0.05)



008 1 B X B X 02 A
贴板方向一



008 1 A X B X 01 A
贴板方向二

REVISION NO.	REV. NO.	DESCRIPTION
C		修正贴产品铜脚加长0.40mm.
B		新增正贴反贴PCB Layout, 以及料号区分
A		新发行

J&K		杰仕康电子科技有限公司 JEXCONN INDUSTRIAL CO., LTD	
DIMENSIONS UNIT: mm		TOLERANCES SPECIFICATIONS	
DIMENSION		TOLERANCES	
L.L. ±	0.30		
L.DIC ±	0.25		
ANGLES ±	0.10		
PRODUCT NAME: JACK		DATE: 2010-10-26	
PRODUCT NO.: 0081XXXBXXXXA		DATE: 2010-10-26	
DRAWING NO.: JK-008-008		DATE: 2010-10-26	
DRAWING SCALE: 1:1		DATE: 2010-10-26	
DRAWING NO.: C		DATE: 2010-10-26	

1. SCOPE

This specification covers the performance, tests and quality requirements for "J&K PHONE JACK".

2. APPLICABLE DOCUMENTS

In the event of conflict between the requirements of the specification and product drawing, the product drawing shall take precedence, In the event of conflict between the requirements of the specification and the referenced documents, the specification shall take precedence.

3. PRODUCT DESCRIPTION

3.1 Design And Construction

Product shall be of the design, construction and physical dimensions specified on the applicable product drawing.

3.2 Material and Plating

Refer to respective Getwell product drawings for information on materials, plating and marking; Solder component shall meet lead-free soldering requirements and the connectors shall be RoHS compliant.

4. REQUIREMENTS

4.1 Rating

Rated Voltage (Max) : 12V DC

Rated Current (Max) : 0.5A

Operating Temperature Range : -20~+80°C

Operating Humidity Range : 95%H.R.Max.

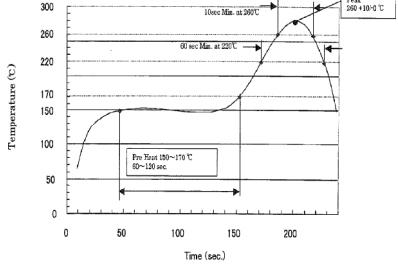
Standard test conditions shall be 5 to 35°C in temperature and 45 to 85% in humidity and 86kPa to 106kPa air pressure.

4.2 Performance and Test description

The connectors shall be designed to meet the electrical, mechanical and environmental performance requirements specified as follows

5. TEST REQUIREMENTS AND PROCEDURES SUMMARY

Item	Test items	Requirments	Condition and Test method
1	Examination of product	No physical damage	EIA-364-18A. Visual inspection.
2	Contact resistance	50mΩ Max	EIA 364-23A Subject mated contacts assembled in housing to be measured at 1KHz, 20mV Max. open circuit at 100 mA Max. by contact resistance meter.
3	Insulation resistance	100MΩ Min.	EIA 364-21B Insert plug gauge into the specimen, apply 500V DC for 1 minute between adjacent terminals.
4	Dielectric Withstanding Voltage	No flashover or insulation breakdown	EIA 364-20A Apply 500V AC (50Hz or 60 Hz) between adjacent terminals or ground for 1 minute.
5	Insertion and extraction force	Insertion force:2.0kgf Max Extraction force:0.3~2.0kgf Max	EIA 364-13A Insertion and extraction force shall be measured after inserting and withdrawing 3 times by using a plug gauge, and then measure the insertion and extraction force. Mating/unmating at a rate of 12.5mm per minute.
6	Durability	(1) Appearance: No breakdown; (2) Insertion & extraction force and Electrical characteristic shall be satisfied. (3)Contact resistance:150mΩ Max	EIA 364-09B Inserting and withdrawing up to 5000 cycles repeatedly at the rated of between 15 and 18 cycles per minute.
7	Solder-ability	(1) Above 95% of immersed area show no voids or pin holes	EIA 364-52 Dip solder-tails in flux then immerse in bath at 245±5°C up to 0.5mm from the bottom of the housing for 4~5s
8	Resistance to soldering heat	1)Without any deformation of case or excessive looseness of the pins.Electrical characteristics shall be satisfied	Solder bath method: Solder temperature:260±5°C Immersion time:10±1s Solder iron method: Solder temperature:350±10°C Immersion time:3±1s Excessive pressure shall not be applied to the terminal

9	Resistance to heat	(1) Contact resistance: 150 mΩ Max (2) Insulation resistance: 50 MΩ Min. (3)Withstand voltage500V AC(50Hz or 60Hz) (4)There shall be no sign of damage mechanically and electrically.	EIA 364-17B 80±2°C for 96 hours, test after keeping in normal condition for 30 minutes.
10	Humidity test		EIA 364-31 40±2°C 90-95%RH for 96 hours, test after keeping in normal condition for 30 min.
11	Resistance to cold		EIA 364-17B At -20±2°C for 96 hours, test after keeping in normal condition for 30 min.
12	Salt spray	1)Appearance:No noticeable rust and other physical damage (2)Contact resistance:50mΩ Max	EIA 364-26 Mate plugs and expose to the following sal mist conditions.Upon completion of the exposure period,salt deposits shall be removed by a gentle wash or dip in running water,after which the specified measurements shall be performed.
13	Resistance to Reflow Soldering Heat		Pre-Heat 预热150~170°C: 60~120sec Heat加热220+/-10°C: 60sec. Min. Heat Peak 峰值260+/-5°C: 10sec. Max. (See FIG 1.)



Test Report

No.: GZ1103027828/CHEM

Date: MAR 22, 2011

Page 1 of 4

DONGGUAN C.C.P. CONTACT PROBES CO., LTD
NO.10, NAN MAIN AVENUE, HUMAN TOWN, DONGGUAN, GUANGDONG

The following sample(s) was/were submitted and identified on behalf of the applicant as LCP

SGS Job No. : GZ13012835EC
SGS Internal Reference No. : 12.1
Client Reference Information : Material No.: H32A254-E0
Supplier : SHENZHEN YUHENG PRECISION MOULD CO., LTD
Date of Sample Received : MAR 16, 2011
Testing Period : MAR 16, 2011 TO MAR 22, 2011

Test Requested : Selected test (s) as requested by client.

Test Method : Please refer to next page(s).

Test Result(s) : Please refer to next page(s).

Conclusion : Based on the performed tests on submitted sample(s), the results **comply with** the RoHS Directive 2002/95/EC and its subsequent amendments.

Signed for and on behalf of
SGS-CSTC Ltd.

Manson Yang
Approved Signatory

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Guangzhou Special Economic Zone Chemical Laboratory

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中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 | (86-20) 82155555 | (86-20) 82075125 | e sgs.china@sgs.com

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Test Report

No.: GZ1103027828/CHEM

Date: MAR 22, 2011

Page 2 of 4

Test Results:

Description for specimen 1 : Black plastic

RoHS Directive 2002/95/EC

Test Item(s)	Unit	Test Method (Reference)	Result	MDL	Limit
Cadmium (Cd)	mg/kg	IEC 62321: 2008, ICP-OES	N.D.	2	100
Lead (Pb)	mg/kg	IEC 62321: 2008, ICP-OES	5	2	1000
Mercury (Hg)	mg/kg	IEC 62321: 2008, ICP-OES	N.D.	2	1000
Hexavalent Chromium (CrVI) by alkaline extraction	mg/kg	IEC 62321: 2008, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	-	N.D.	-	1000
Monobromobiphenyl	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
Dibromobiphenyl	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
Tribromobiphenyl	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
Tetrabromobiphenyl	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
Pentabromobiphenyl	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
Hexabromobiphenyl	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
Heptabromobiphenyl	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
Octabromobiphenyl	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
Nonabromobiphenyl	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
Decabromobiphenyl	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
Sum of PBDEs	mg/kg	-	N.D.	-	1000
Monobromodiphenyl ether	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
Dibromodiphenyl ether	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
Tribromodiphenyl ether	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
Tetrabromodiphenyl ether	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
Pentabromodiphenyl ether	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
Hexabromodiphenyl ether	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
Heptabromodiphenyl ether	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
Octabromodiphenyl ether	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
Nonabromodiphenyl ether	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
Decabromodiphenyl ether	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	

Note:

1. mg/kg = ppm
2. N.D. = Not Detected (< MDL)
3. MDL = Method Detection Limit
4. "-" = Not regulated

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Guangzhou Testing Service Center Chemical Laboratory

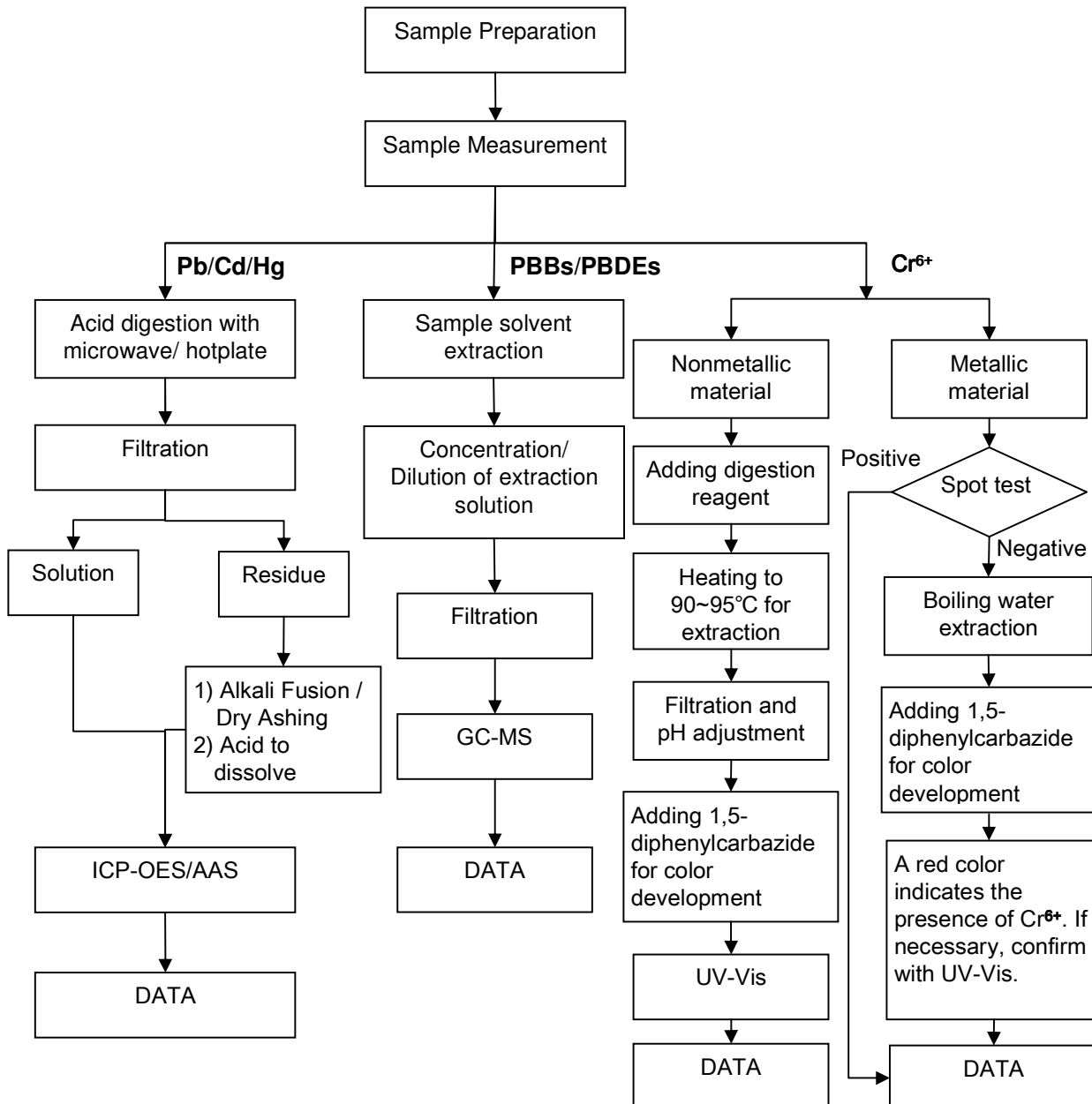
198 Kazhu Road, Sointech Park, Guangzhou Economic & Technology Development District, Guangzhou, China 510663 | (86-20) 82155555 | (86-20) 82075125 | www.cn.sgs.com
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 | (86-20) 82155555 | (86-20) 82075125 | e: sgs.china@sgs.com

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ATTACHMENTS

RoHS Testing Flow Chart

- 1) Name of the person who made testing: Bella Wang / Cutey Yu / Ross Zhan
- 2) Name of the person in charge of testing: Adams Yu / Ryan Yang
- 3) These samples were dissolved totally by pre-conditioning method according to below flow chart (Cr6+ and PBBs/PBDEs test method excluded).



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Sample photo :



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Guangzhou

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测试报告

No. SHAEC1009233404

日期: 2010年07月03日

第1页,共4页

浙江万力铜业有限公司

浙江省嵊州市经济开发区(浦口)南一路

以下测试之样品是由申请者所提供及确认: C5210

SGS工作编号: SP10-021928 - SH
成分: Cu,Sn,P
样品接收日期: 2010年06月30日
测试周期: 2010年06月30日 - 2010年07月03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

通标标准技术服务有限公司
授权签名

Crystal Zhou

Zhou Yan, Crystal周燕
批准签署人

本报告是发布日期为2010年07月03日编号为SHAEC1009233401英文检测报告的中文译本。如有异议,以英文版本为准。

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第2页,共4页

测试结果:

样品部件外观描述:

样品编号	SGS样品ID	描述
1	SHA10-092334.002	铜色金属

备注:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = 检测极限值
- (3) ND = 未检出 (< MDL)
- (4) "-" = 未规定

RoHS指令2002/95/EC

测试方法: 参照IEC 62321:2008:

- (1) 用ICP-OES测定镉的含量.
- (2) 用ICP-OES测定铅的含量.
- (3) 用ICP-OES测定汞的含量.
- (4) 用点测试法/紫外-可见分光光度计比色法测定六价铬的含量.

测试项目	限值	单位	MDL	002
镉 (Cd)	100	mg/kg	2	ND
铅(Pb)	1,000	mg/kg	2	20
汞 (Hg)	1,000	mg/kg	2	ND
六价铬(CrVI)	-	-	◇	Negative

备注:

- (1) 最大允许极限值引用自2002/95/EC RoHS指令和后续修正指令2005/618/EC.
- (2) ◇ 点测试法:
Negative= 镀层中未检测到六价铬, **Positive** = 镀层中检测到六价铬;
 (当点测试结果为**Negative**或无法确定时,将采用沸水萃取法作进一步的结果验证.)
 ◇ 沸水萃取法:
Negative = 镀层中未检测到六价铬
Positive = 镀层中检测到六价铬;表明50 cm²表面积的被测试样品的沸水萃取液中六价铬的浓度等于或大于0.02 mg/kg.
 针对金属表面的防腐涂层: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代表测试时样品的状态.

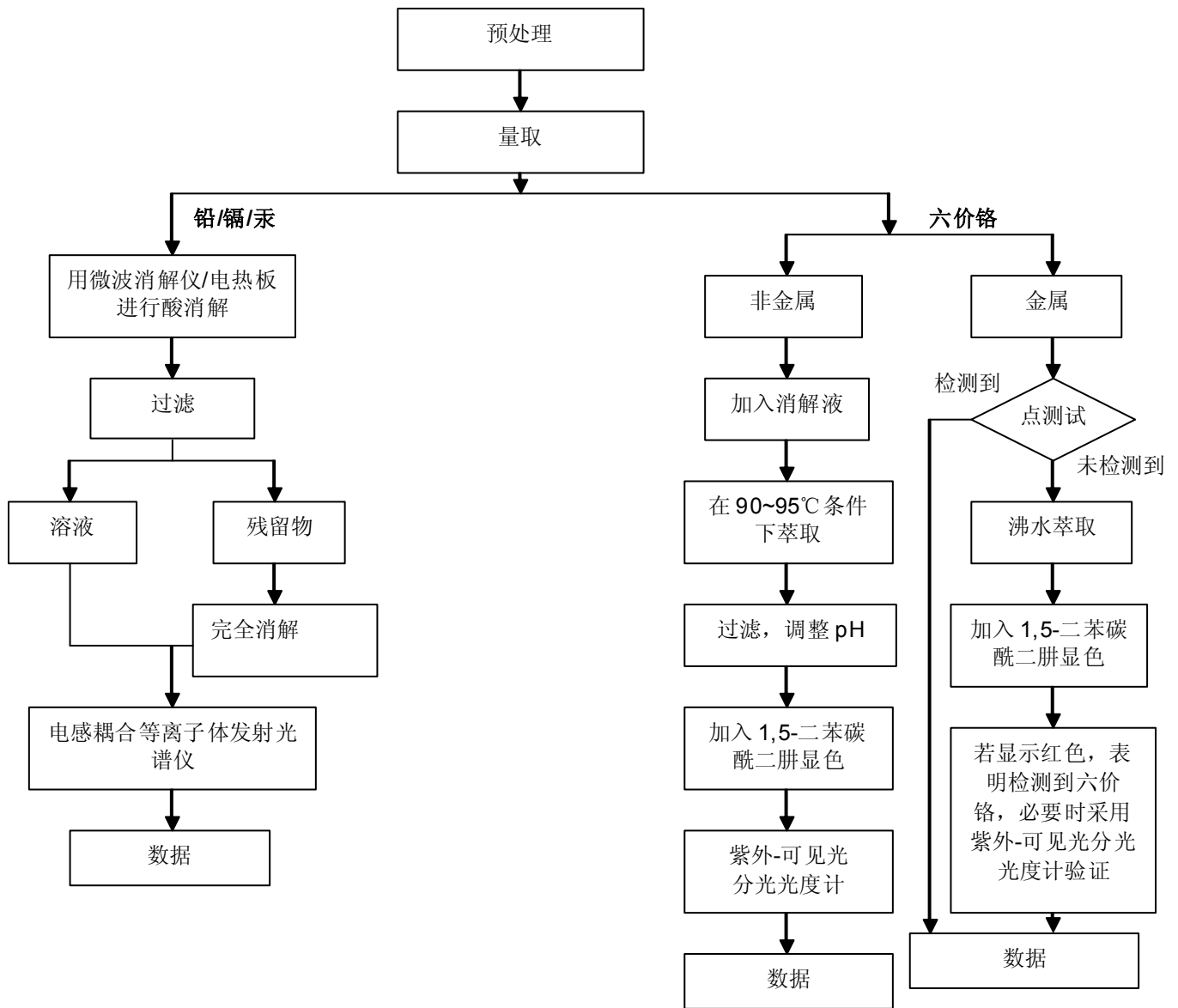
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附件

RoHS 测试流程图

- 1) 分析人员: 肖飞/左克春/赵旭东
- 2) 项目负责人: 张春华/徐亮
- 3) 样品按照下述流程被完全消解 (六价铬测试除外)



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测试报告

No. SHAEC1009233404

日期: 2010年07月03日

第4页,共4页

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