深圳市志杰威科技有限公司
SHENZHEN ZHIJIEWEI TECHNOLOGY CO.,LTD

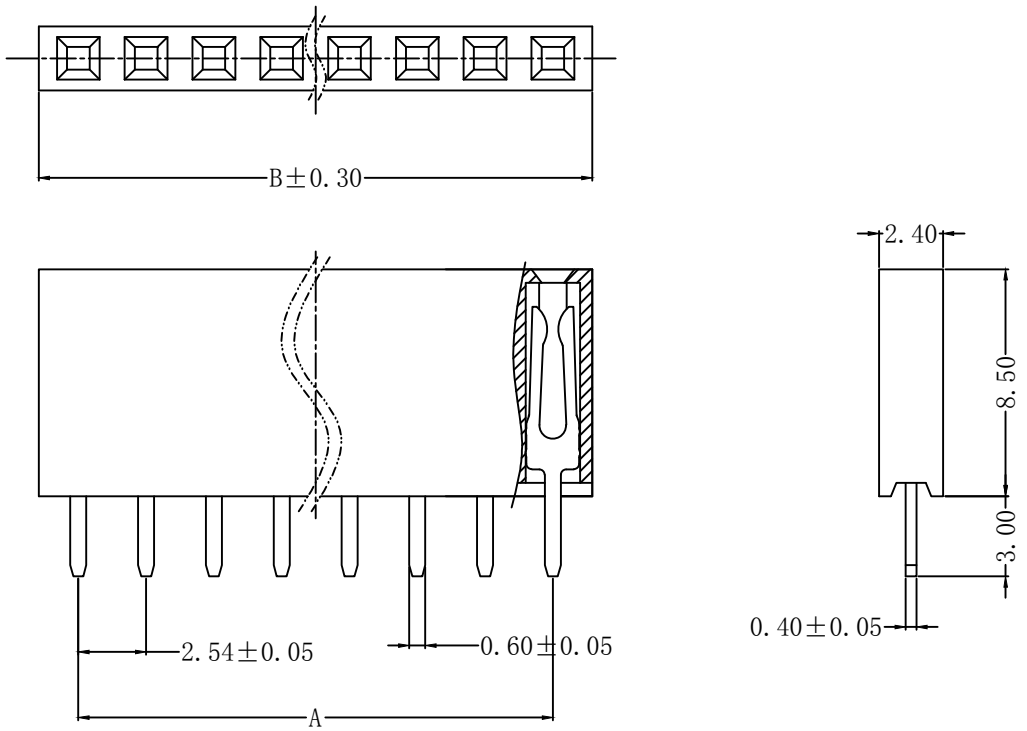
承 认 书
SPECIFICATION FOR APPROVAL

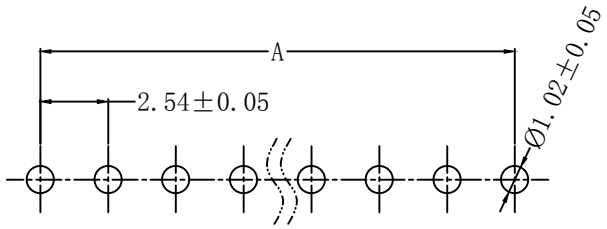
客户名称 **Customer:** （代码）	索智科技（香港）有限公司
品名规格 **Product Name:**	DIP CONNECTOR 3PIN母座 单排，间距2.54MM
客户料号 **Customer Part No.:**	
公司料号 **Part No.:**	J.PM2540300ZC
承认编号 **Approval No.:**	ZJW20150714
送样日期 **Date:**	2015-07-14

样品承认章 **Checked By**	
工程部 **Engineering Dept.**	麦琼方
品管部 **Quality Dept.**	杨观辉
物料部 **Material Dept.**	李伟辉
核　准 **Checked By**	

客户承认章 **Approved By**	
工程部 **Engineering Dept.**	
品管部 **Quality Dept.**	
物料部 **Material Dept.**	
核　准 **Checked By**	

电话（TEL）：0755-29089883　　传真（FAX）：0755-29161117





P.C.B Layout

SPECIFICATIONS

Current Rating:	3 Amp
Insulator Resistance:	1000 MΩ MIN
Dielectric Withstanding:	AC 500V
Contact resistance:	20mΩ MAX.
Operating Temp.:	-40℃～+105℃
Max Processing Temp.:	230℃ for 30～60 seconds (260℃for 10 seconds)
Insulator Material:	PA6T+30% UL94V-0 ROHS
Contact Material:	Brass
Plated(*Standard):	Gold flash all over

PIN Number	Dimension(mm) A	B	PIN Number	Dimension(mm) A	B
1×2P	2.54	5.48	1×22P	53.34	56.28
1×3P	5.08	8.02	1×23P	55.88	58.82
1×4P	7.62	10.56	1×24P	58.42	61.36
1×5P	10.16	13.10	1×25P	60.96	63.90
1×6P	12.70	15.64	1×26P	63.50	66.44
1×7P	15.24	18.18	1×27P	66.04	68.98
1×8P	17.78	20.72	1×28P	68.58	71.52
1×9P	20.32	23.26	1×29P	71.12	74.06
1×10P	22.86	25.80	1×30P	73.66	76.60
1×11P	25.40	28.34	1×31P	76.20	79.14
1×12P	27.94	30.88	1×32P	78.74	81.68
1×13P	30.48	33.42	1×33P	81.28	84.22
1×14P	33.02	35.96	1×34P	83.82	86.76
1×15P	35.56	38.50	1×35P	86.36	89.30
1×16P	38.10	41.04	1×36P	88.90	91.84
1×17P	40.64	43.58	1×37P	91.44	94.38
1×18P	43.18	46.12	1×38P	93.98	96.92
1×19P	45.72	48.66	1×39P	96.52	99.46
1×20P	48.26	51.20	1×40P	99.06	102.00
1×21P	50.80	53.74			

REV	DATE	MODIFICATION DESCRIPTION	CHANGE	APPROVE
1	15/07/14	NEW	——	——

OPERATION		
X.±0.50	X.°±5.00°	
.X±0.38	.X°±2.00°	
.XX±0.25	.XX°±1.00°	
.XXX±0.15	.XXX°±0.50°	
Length	Angle	

DRAW	Tony	15/07/14
DESIGN	Tony	15/07/14
CHECK	Can Su	15/07/14
APPROVE		

SCALE	1:1
UNIT	mm
SIZE	A4
SHEET	1/1
PROJ.	

深圳市志杰威科技有限公司
SHENZHEN ZHIJIEWEI TECHNOLOGY CO.,LTD

PART NO.	
TITLE:	PITCH2.54 H8.5 FEMAILE HEADER 180° PBT G/F
DRAWING NO.	ZJW150714001A

PA6T　E430NK 物性数据

①原料描述部分
暂无此原料描述部分---

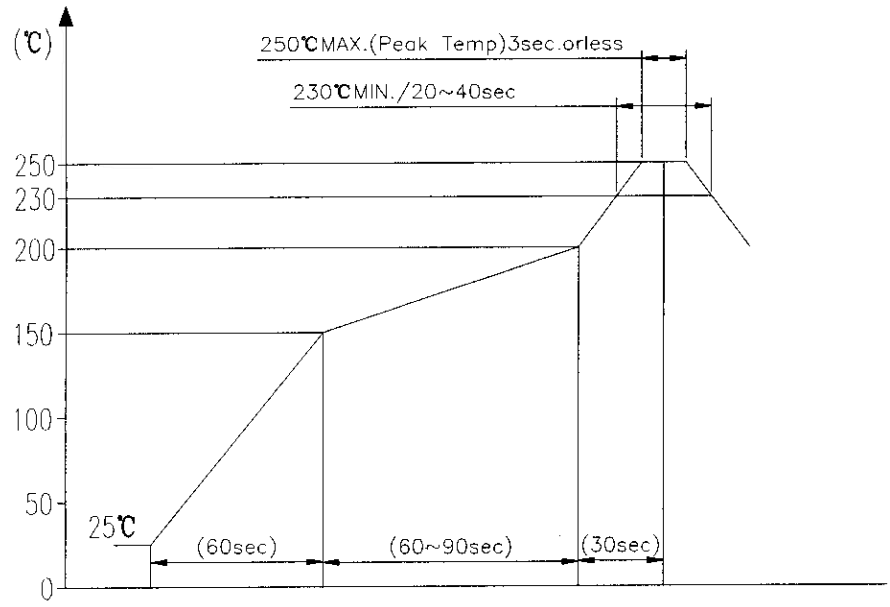
②原料技术数据					
性能项目		试验条件[状态]	测试方法	测试数据	数据单位
基本性能	吸水率	23℃,24 小时在水里(2mmt,100℃)	ASTM D-570	0.3(3.0)	%
物理性能	模具收缩率	2mmt	ASTM D-955	0.4(0.8)	%
	比重	---	ASTM D-792	1.63	---
机械性能	拉伸强度	dry(moist)	ASTM D-638	160(140)	MPa
	拉伸伸长率	dry(moist)	ASTM D-638	4(3)	%
	弯曲强度	dry(moist)	ASTM D-790	240(200)	MPa
	弯曲模量	dry(moist)	ASTM D-790	11000(8000)	MPa
	IZOD 缺口冲击强度	dry(moist)	ASTM D-256	80(90)	J/M
	洛氏硬度	---	ASTM D-785	95	M scale
电气性能	体积电阻率	dry	ASTM D-257	10^{15}	Ω.cm
	介电常数	10^{16}Hz,dry	ASTM D-150	4.0	---
	损耗因数	10^{16}Hz,dry	ASTM D-150	25	---
	Dielectric breakdown voltage	dry	ASTM D-149	25	KV/mm
热 性 能	熔点	---	---	310	℃
	玻璃转变温度	---	---	85	℃
	负荷挠曲温度	---	ASTM D-648	290	℃
	线性热膨胀系数	---	ASTM D-696	3.0(6.0)	$\times10^{-5}$/℃
	阻燃性	---	UL 94	V-0	---
其它性能	Glass fiber content	---	---	30	%

SHENZHEN ZHIJIEWEI TECHNOLOGY CO.,LTD	Part No.:
	Customer Part No.:

TITLE: **INFRARED REFLOW CONDITION**

RELEASE DATE: 15/03/23

紅外線迴焊溫度曲線INFRARED REFLOW CONDITION



SHENZHEN BAO SHIDA PLASTIC PRODUCTS CO.,LTD.

NO.3 JIANG BIAN INDUSTRY PARK CENTRE ROAD,SONGGANG TOWN,BAOAN DISTRICT,SHENZHEN CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : PA6T

SGS Job No. :	CP15-000946 - SZ
Date of Sample Received :	12 Jan 2015
Testing Period :	12 Jan 2015 - 16 Jan 2015
Test Requested :	Selected test(s) as requested by client.
Test Method :	Please refer to next page(s).
Test Results :	Please refer to next page(s).
Conclusion :	Based on the performed tests on submitted sample(s), the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) comply with the limits as set by RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC.

Signed for and on behalf of
SGS-CSTC Ltd.

Echo

Echo Yeung
Approved Signatory

198 Kezhu Road,Scientech Park Guangzhou Economic & Technology Development District,Guangzhou,China 510663 t (86-20) 82155555 f (86-20) 82075113 www.sgsgroup.com.cn
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075113 e sgs.china@sgs.com

Test Results :

Test Part Description :

Specimen No	SGS Sample ID	Description
SN1	CAN15-005120.003	Black plastic grains

Remarks :

(1) 1 mg/kg = 1 ppm = 0.0001%

(2) MDL = Method Detection Limit

(3) ND = Not Detected (< MDL)

(4) "-" = Not Regulated

RoHS Directive 2011/65/EU

Test Method : (1)With reference to IEC 62321-5:2013, determination of Cadmium by ICP-OES.
(2)With reference to IEC 62321-5:2013, determination of Lead by ICP-OES.
(3)With reference to IEC 62321-4:2013, determination of Mercury by ICP-OES.
(4)With reference to IEC 62321:2008, determination of Hexavalent Chromium by Colorimetric Method using UV-Vis.
(5)With reference to IEC 62321:2008, determination of PBBs and PBDEs by GC-MS.

Test Item(s)	Limit	Unit	MDL	*003*
Cadmium (Cd)	100	mg/kg	2	ND
Lead (Pb)	1,000	mg/kg	2	9
Mercury (Hg)	1,000	mg/kg	2	ND
Hexavalent Chromium (CrVI)	1,000	mg/kg	2	ND
Sum of PBBs	1,000	mg/kg	-	ND
Monobromobiphenyl	-	mg/kg	5	ND
Dibromobiphenyl	-	mg/kg	5	ND
Tribromobiphenyl	-	mg/kg	5	ND
Tetrabromobiphenyl	-	mg/kg	5	ND
Pentabromobiphenyl	-	mg/kg	5	ND
Hexabromobiphenyl	-	mg/kg	5	ND
Heptabromobiphenyl	-	mg/kg	5	ND
Octabromobiphenyl	-	mg/kg	5	ND
Nonabromobiphenyl	-	mg/kg	5	ND
Decabromobiphenyl	-	mg/kg	5	ND
Sum of PBDEs	1,000	mg/kg	-	ND
Monobromodiphenyl ether	-	mg/kg	5	ND

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Test Item(s)	Limit	Unit	MDL	*003*
Dibromodiphenyl ether	-	mg/kg	5	ND
Tribromodiphenyl ether	-	mg/kg	5	ND
Tetrabromodiphenyl ether	-	mg/kg	5	ND
Pentabromodiphenyl ether	-	mg/kg	5	ND
Hexabromodiphenyl ether	-	mg/kg	5	ND
Heptabromodiphenyl ether	-	mg/kg	5	ND
Octabromodiphenyl ether	-	mg/kg	5	ND
Nonabromodiphenyl ether	-	mg/kg	5	ND
Decabromodiphenyl ether	-	mg/kg	5	ND

Notes :

(1) The maximum permissible limit is quoted from the directive 2011/65/EU, Annex II.

Phthalate

Test Method : Determination of phthalates by GC-MS based on EN 14372:2004.

Test Item(s)	CAS NO.	Unit	MDL	*003*
Dibutyl Phthalate (DBP)	84-74-2	%(w/w)	0.003	ND
Benzylbutyl Phthalate (BBP)	85-68-7	%(w/w)	0.003	ND
Bis(2-ethylhexyl) Phthalate (DEHP)	117-81-7	%(w/w)	0.003	ND
Diisobutyl Phthalate (DIBP)	84-69-5	%(w/w)	0.003	ND

Notes :

(1) Reference Information: Directive 2011/65/EU recasting RoHS directive 2002/95/EC:
Bis (2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP) and Dibutyl phthalate (DBP) are considered as a priority for risk evaluation and substance restriction.

(2) Bis (2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl Phthalates (DIBP) should be included in Annex II to the RoHS 2.0 Directive by European Commission according to amended draft of RoHS 2.0, and the limit of each item should be 0.1%.

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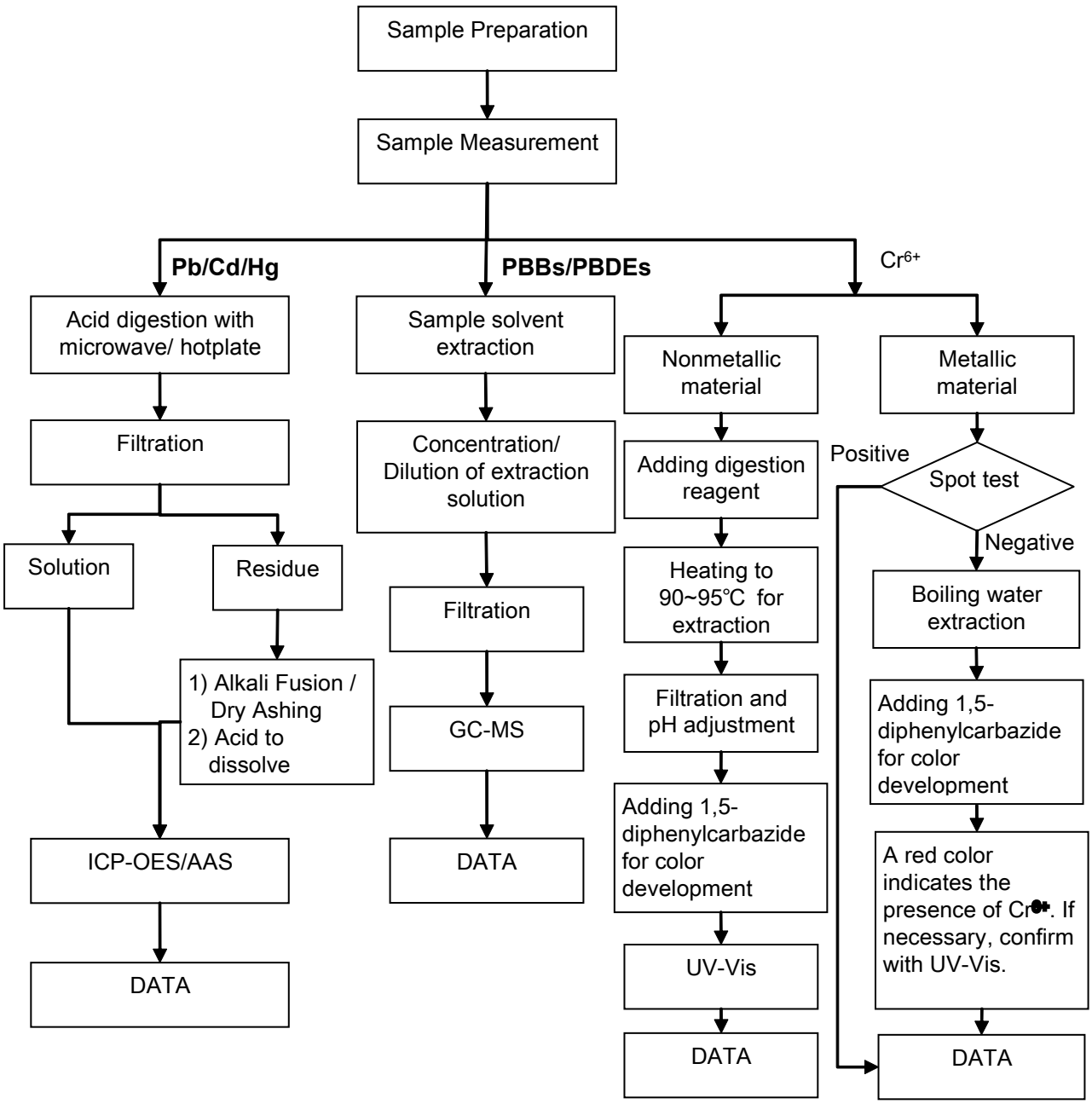
ATTACHMENTS

RoHS Testing Flow Chart

1) Name of the person who made testing: Bruce Xiao / Sunny Hu
2) Name of the person in charge of testing: Bella Wang / Cutey Yu
3) These samples were dissolved totally by pre-conditioning method according to below flow chart (Cr^{6+} and PBBs/PBDEs test method excluded).



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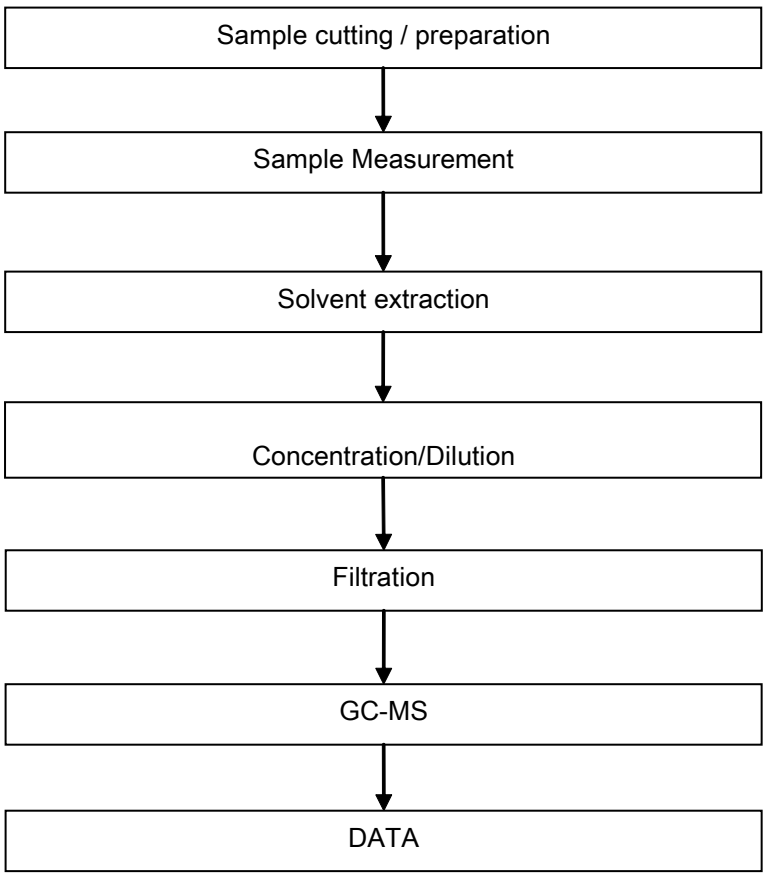
ATTACHMENTS

Phthalates Testing Flow Chart

1) Name of the person who made testing: Sunny Hu
2) Name of the person in charge of testing: Cutey Yu



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Sample photo:

CAN15-005120.003

SGS authenticate the photo on original report only

*** End of Report ***

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SHENZHEN JINXIONGFA ELECTRONICS TECHNOLOGY CO., LTD.

4F,61 BUILDING,MIAOYING HUI INDUSTRIAL PARK ZHONG WU VILLAGE, XIXIANG TOWN SHENZHEN CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : Terminal

SGS Job No. :	CP14-068470 - SZ
Date of Sample Received :	26 Dec 2014
Testing Period :	26 Dec 2014 - 04 Jan 2015
Test Requested :	Selected test(s) as requested by client.
Test Method :	Please refer to next page(s).
Test Results :	Please refer to next page(s).
Conclusion :	Based on the performed tests on submitted sample(s), the results of Lead, Mercury, Cadmium, Hexavalent chromium comply with the limits as set by RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC.

Signed for and on behalf of
SGS-CSTC Ltd.

Kenny Wang
Approved Signatory

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Test Results :

Test Part Description :

Specimen No	SGS Sample ID	Description
SN1	CAN14-215487.001	Silvery/golden plated metal

Remarks :

(1) 1 mg/kg = 1 ppm = 0.0001%

(2) MDL = Method Detection Limit

(3) ND = Not Detected (< MDL)

(4) "-" = Not Regulated

RoHS Directive 2011/65/EU

Test Method : (1)With reference to IEC 62321-5:2013, determination of Cadmium by ICP-OES.
(2)With reference to IEC 62321-5:2013, determination of Lead by ICP-OES.
(3)With reference to IEC 62321-4:2013, determination of Mercury by ICP-OES.
(4)With reference to IEC 62321:2008, determination of Hexavalent Chromium by spot test / Colorimetric Method using UV-Vis.

Test Item(s)	Limit	Unit	MDL	*001*
Cadmium (Cd)	100	mg/kg	2	ND
Lead (Pb)	1,000	mg/kg	2	34
Mercury (Hg)	1,000	mg/kg	2	ND
Hexavalent Chromium (CrVI)	-	-	◇	Negative

Notes :

(1) The maximum permissible limit is quoted from the directive 2011/65/EU, Annex II
(2)◇Spot-test:
Negative = Absence of CrVI coating, Positive = Presence of CrVI coating;
(The tested sample should be further verified by boiling-water-extraction method if the spot test result is Negative or cannot be confirmed.)
◇Boiling-water-extraction:
Negative = Absence of CrVI coating
Positive = Presence of CrVI coating; the detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50 cm2 sample surface area.
Information on storage conditions and production date of the tested sample is unavailable and thus results of Cr(VI) represent status of the sample at the time of testing.

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Perfluorooctane Sulfonates (PFOS) and Perfluorooctanoic Acid (PFOA\`

Test Method : With reference to US EPA Method 3550C:2007, analysis was performed by HPLC-MS.

Test Item(s)	CAS NO.	Unit	MDL	*001*
Perfluorooctane Sulfonates (PFOS) and related Acid,Metal Salt and Amide	2795-39-3	µg/m²	1.0	ND
Perfluorooctanoic Acid (PFOA)	335-67-1	µg/m²	1.0	ND

Notes :

For reference: commission regulation (EU) No 757/2010 amending regulation (EC) No 850/2004:
(1) For the purposes of this entry, Article 4(1) (b) shall apply to concentrations of PFOS equal to or below 10 mg/kg (0,001 % by weight) when it occurs in substances or in preparations.
(2) For the purposes of this entry, Article 4(1) (b) shall apply to concentrations of PFOS in semi-finished products or articles, or parts thereof, if the concentration of PFOS is lower than 0,1 % by weight calculated with reference to the mass of structurally or micro-structurally distinct parts that contain PFOS or, for textiles or other coated materials, if the amount of PFOS is lower than 1µg /m2 of the coated material.

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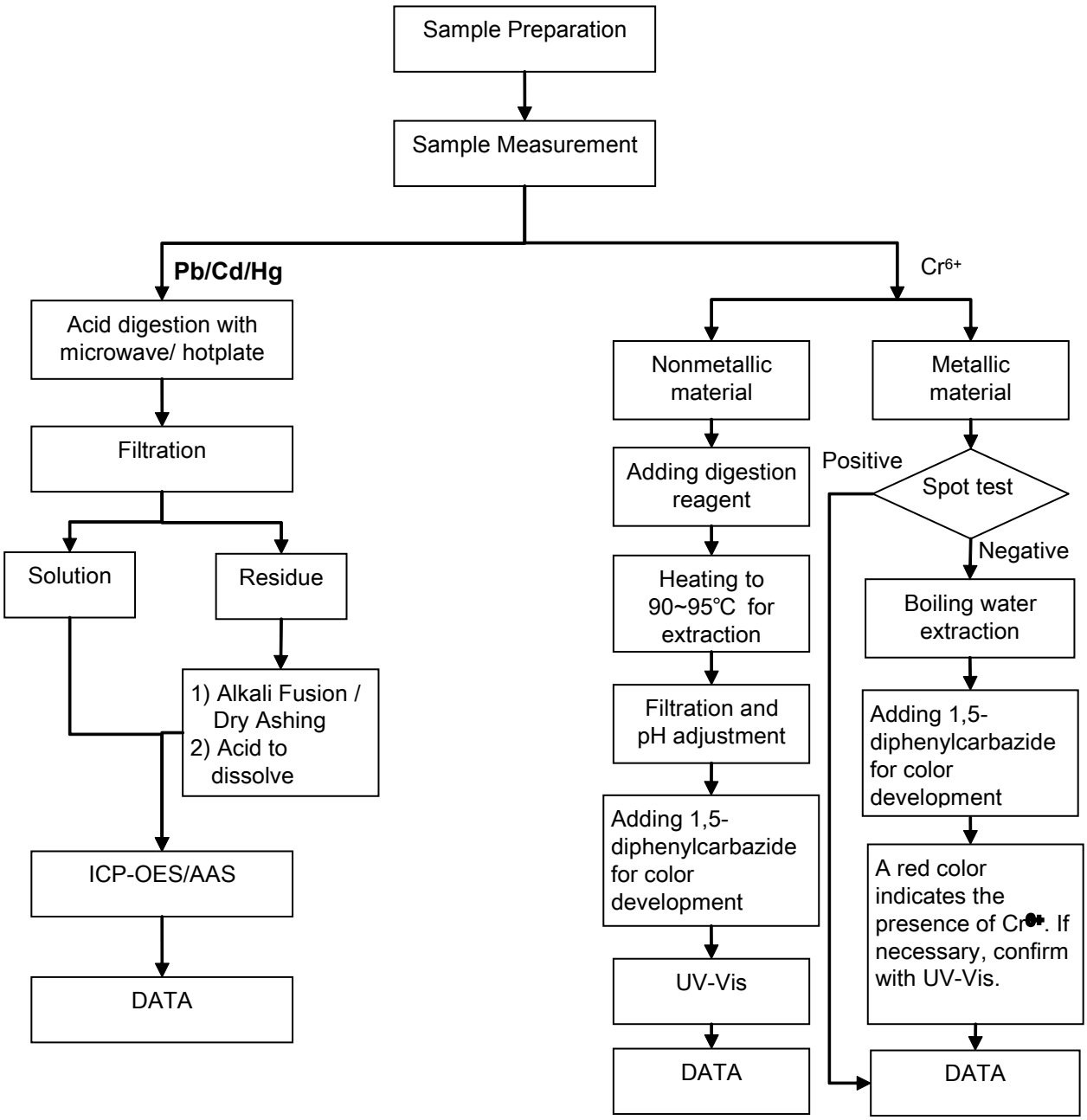
ATTACHMENTS

RoHS Testing Flow Chart

1) Name of the person who made testing: Bruce Xiao
2) Name of the person in charge of testing: Bella Wang
3) These samples were dissolved totally by pre-conditioning method according to below flow chart (Cr6+ test method excluded).



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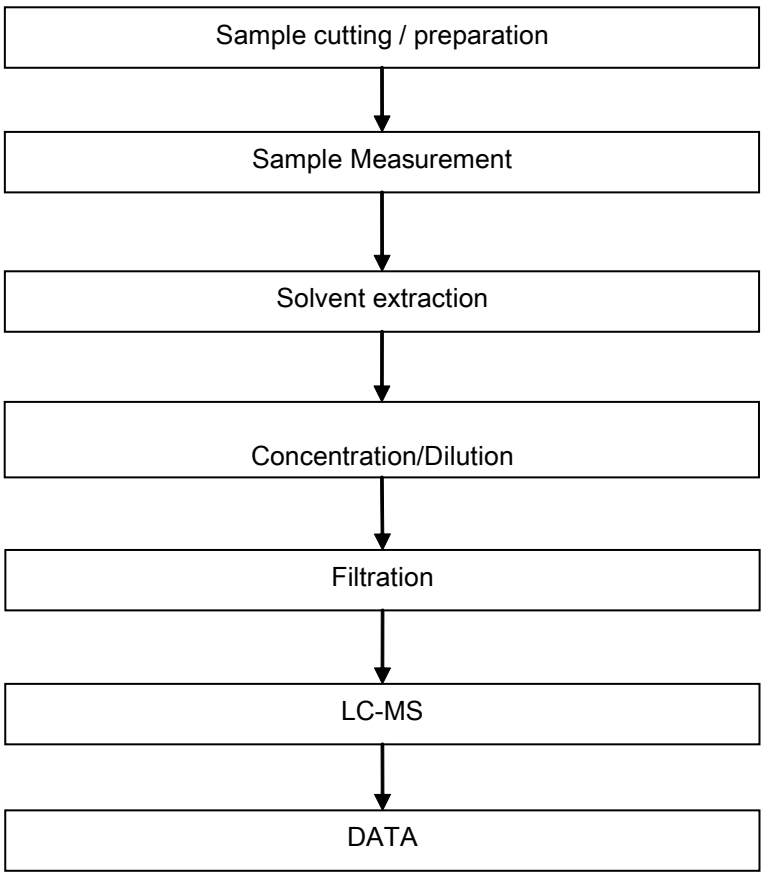
ATTACHMENTS

PFOA / PFOS Testing Flow Chart

1) Name of the person who made testing: Zhihong Wang
2) Name of the person in charge of testing: Cutey Yu



SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Testing Center Chemical Laboratory
198 Kezhu Road,Scientech Park Guangzhou Economic & Technology Development District,Guangzhou,China 510663 t (86-20) 82155555 f (86-20) 82075113 www.sgsgroup.com.cn
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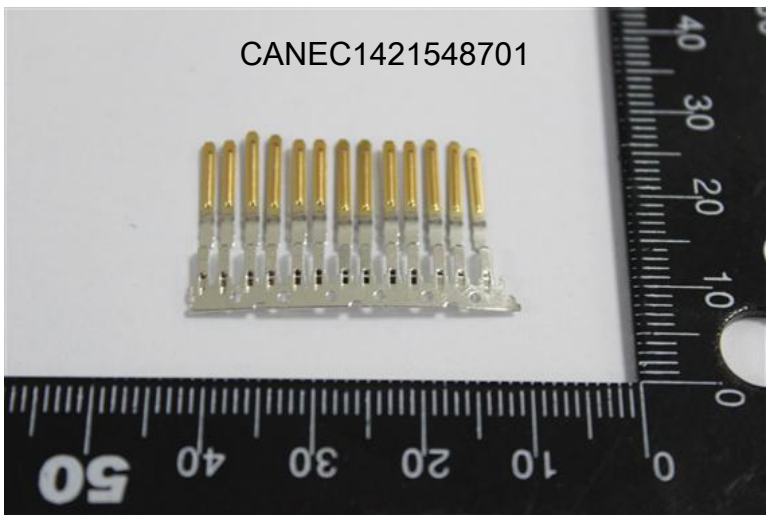
Sample photo:



CAN14-215487.001

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*** End of Report ***

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