新大科技

NEW GRAND TECH LTD.

承认书

APPROVAL SHEET

客　　户

CUSTOMER FC001202N21XXXXXXX00 2010/1/6.

品　　名

PRODUCT K-33×120-0.5-0.035×0.3-4/4-8/8

料　　号

PARTNO C8C8126

新大科技		客　　户	
制表 DRAWN	审核 CHECKED	审核 CHECKED	承认 APPROVAL
冯向权	张仁和		

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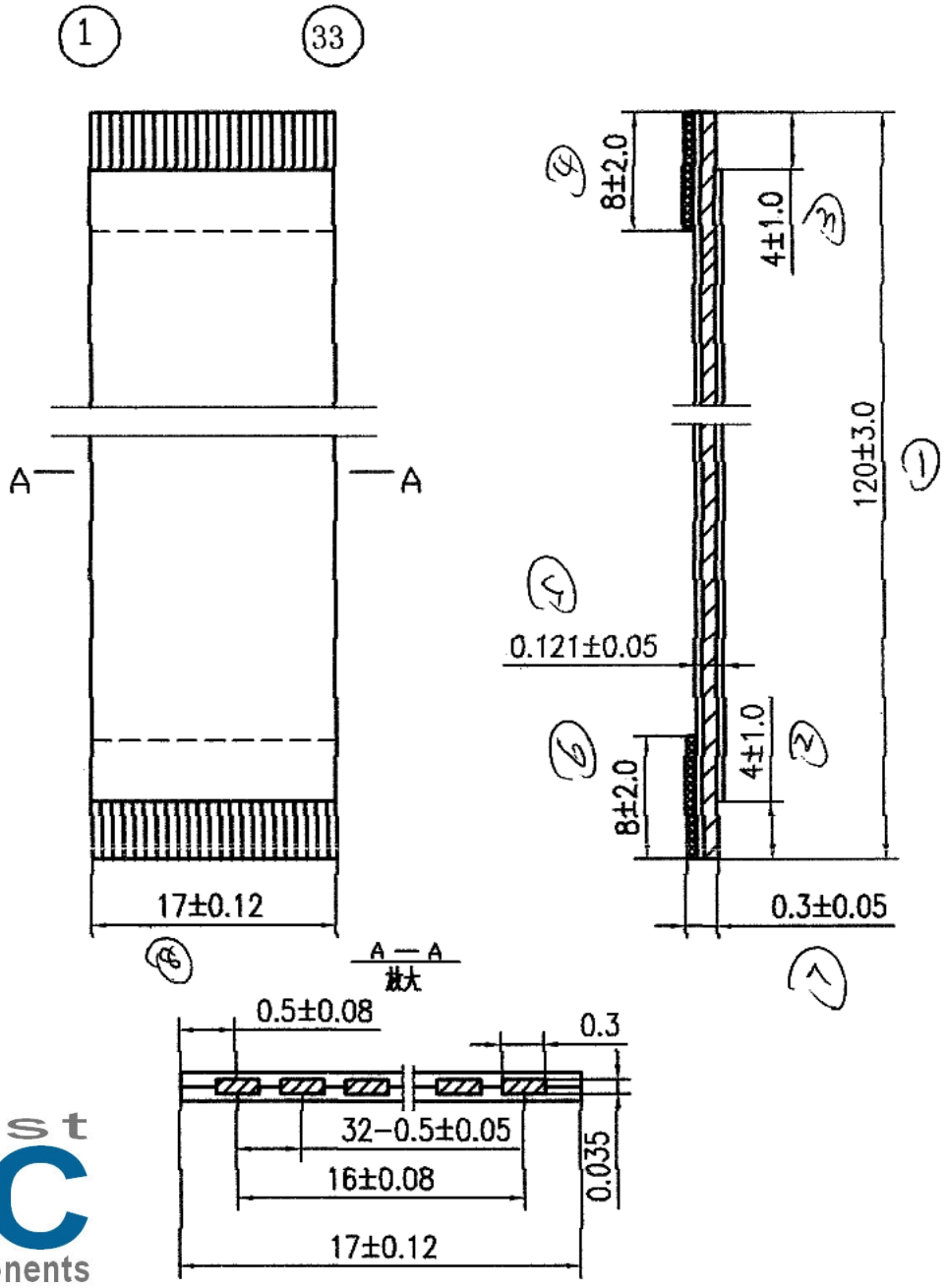
Represented by:

first FC components

FIRST Components srl Via Cavour 69, 21020 Buguggiate (VA)

T. +39 0332 1888005 web: www.first-components.com

济宁汇海新大电子有限公司	文件编号：Q/XDJJ6001-2009
FFC产品图样	版本：A/0
	页码：1/1



标准依据	UL758	FILE NO.	E229188	补强板规格	0.225*16
AWM	2896环保	PET绝缘规格	0.043*60	补强板颜色	蓝
AWG	37	导体规格	0.035*0.3		
产品规格	K-33*120-0.5-0.035*0.3-4/4-8/8				FFC 柔性扁平电缆
产品编号	K-2896-050-0653				
编制	09.12.31	审核	09.12.31	批准	09.12.31

济宁汇海新大电子有限公司

QA成品检验报告

ROHS 2010年 01月 02日

产品规格	K-33×120-0.5-0.035×0.3-4/4-8/8			生产单号	1Y-018			检验批量	10			
抽样方案	抽样数量		严重缺陷AQL	严重缺陷			轻微缺陷AQL	轻微缺陷				
	10		0.65	Ac=0		Re=1	2.5	Ac=0		Re=1		
检验项目			检验标准	检验结果记录								判定
主要尺寸	1	总长度	L	120±3.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	OK
	2	总宽度	W	17±0.12	17.04	17.05	17.00	17.01	17.03	17.03	17.01	16.98	OK
	3	接插端厚	T	0.3±0.05	0.295	0.298	0.299	0.299	0.298	0.299	0.300	0.298	OK
	4	裸露端长	S1	4±1.0	4.0	3.9	4.0	4.0	4.0	3.9	4.0	4.0	OK
	5		S2	4±1.0	4.0	4.0	4.1	4.0	4.0	4.0	4.0	4.0	OK
	6	补强板长	B1	8±2.0	7.8	8.0	7.5	8.2	8.2	7.9	8.0	8.0	OK
	7		B2	8±2.0	8.2	7.5	8.0	7.8	7.5	8.0	8.0	7.8	OK
	8	总间距	PA	16±0.08	16.01	16.05	15.96	15.96	16.00	16.01	16.00	15.98	OK
	9	间距	P	0.5±0.05	0.484	0.507	0.509	0.519	0.497	0.504	0.483	0.503	OK
	10	边距	M	0.5±0.08	0.490	0.537	0.527	0.517	0.548	0.478	0.557	0.535	OK
	11	切割直角度	CB	≤0.3	0.11	0	0.06	0.07	0.11	0.05	0.08	0.06	OK
	12	绝缘不齐	O.V	/									
	13	线体厚度		0.121±0.05	0.125	0.125	0.125	0.124	0.123	0.123	0.123	0.123	OK
测试项目				2PCS	测试时间		测试数量	测试次数		/			
功能性能	1	绝缘阻抗		≥100MΩ	13:50		2	2		/	/		OK
	2	绝缘耐压		500V1MIN,绝缘未击穿	14:10		2	2		/	/		OK
	3	耐高温		105℃,4H,绝缘无剥离	9:50		2	1		/	/		OK
	4	导通		无短/断路	8:30		2	66		/	/		OK
外观	1	损伤		无损伤	OK								OK
	2	皱折		平直无明显的皱折	OK								OK
	3	导体		无明显氧化,镀层均匀	OK								OK
	4	印字		正确,清析	OK								OK
	5	清洁		无水渍及脏污	OK								OK
包装	1	标识		正确,清析	OK								OK
	2	数量		准确,符合订单数	OK								OK
	3	包装箱		平网,无损伤	OK								OK

不良描述

检验结论 ☑合格 ☐不合格 ☐其它

QA检验员: 冯昌敏 核准: 范和波

品管部主任意见: ☐让步接收, ☐返修/返工, ☐报废, ☐其它

主任签名:

副总经理意见: ☐同意品管部主任意见, ☐其它

副总签名:

备注 主要检测设备:投影仪、卡尺、千分尺、直尺、耐压测试仪、绝缘电阻测试仪、直流电阻电桥。

Q/XDJQ0066-2003

FFC包装规格书

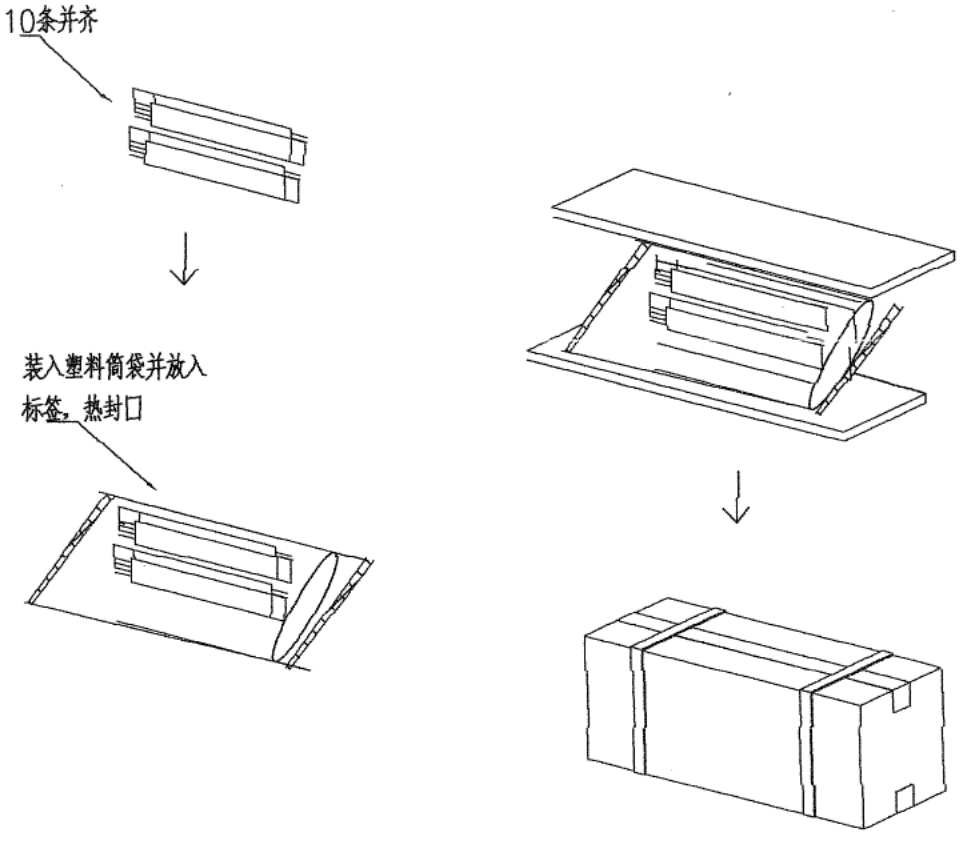
1、包装材料规格表

序号	项目	型号	尺寸（mm）	数量
1	成品FFC	k型	33pinx120mm	10
2	塑料筒袋		60x170mm	1
3	外纸箱		335x240mm	1
4				
5				
6				

2、单箱数量规格表

（1）每包数量：10条

（2）总数量：1包*10=10条



特记事项：此包装适用于K、R型产品批量生产时的产品包装。样品根据实际情况选用外包装。在塑料筒袋内附有产品合格证、生产编号、检查员号以做到产品具有可追塑性。

备注：

SGS

[redacted]

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NEW GRAND TECH (HK) CO.,LTD.
NO.1,7/F POHONG CENTER 2 WANG TUNG ST KLN BAY KLN HONGKONG

The following sample(s) was/were submitted and identified on behalf of the clients as :
FFC (FLEXIBLE FLAT CABLE)

SGS Job No.	:	12108973 - SZ
SGS Internal Reference No.	:	3.2
Tested sample information	:	NONE
Date of Sample Received	:	19 Aug 2009
Testing Period	:	19 Aug 2009 - 24 Aug 2009
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 [redacted] the RoHS Directive 2002/95/EC and its subsequent amendments.

Signed for and on behalf of
SGS-CSTC Ltd.

Sunny Huang
Lab Sr. Supervisor

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[redacted]

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Test Results:

ID for specimen 1 : CAN09-043203.002
Description for specimen 1 : White sheet (semi-product)

[redacted]

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	N.D.	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. ## = The exemption of DecaBDE in polymeric application according 2005/717/EC was overruled by the European Court of Justice by its decision of 01.04.2008. Subsequently DecaBDE is included in the sum of PBDE after 01.07.2008
5. "-" = Not regulated

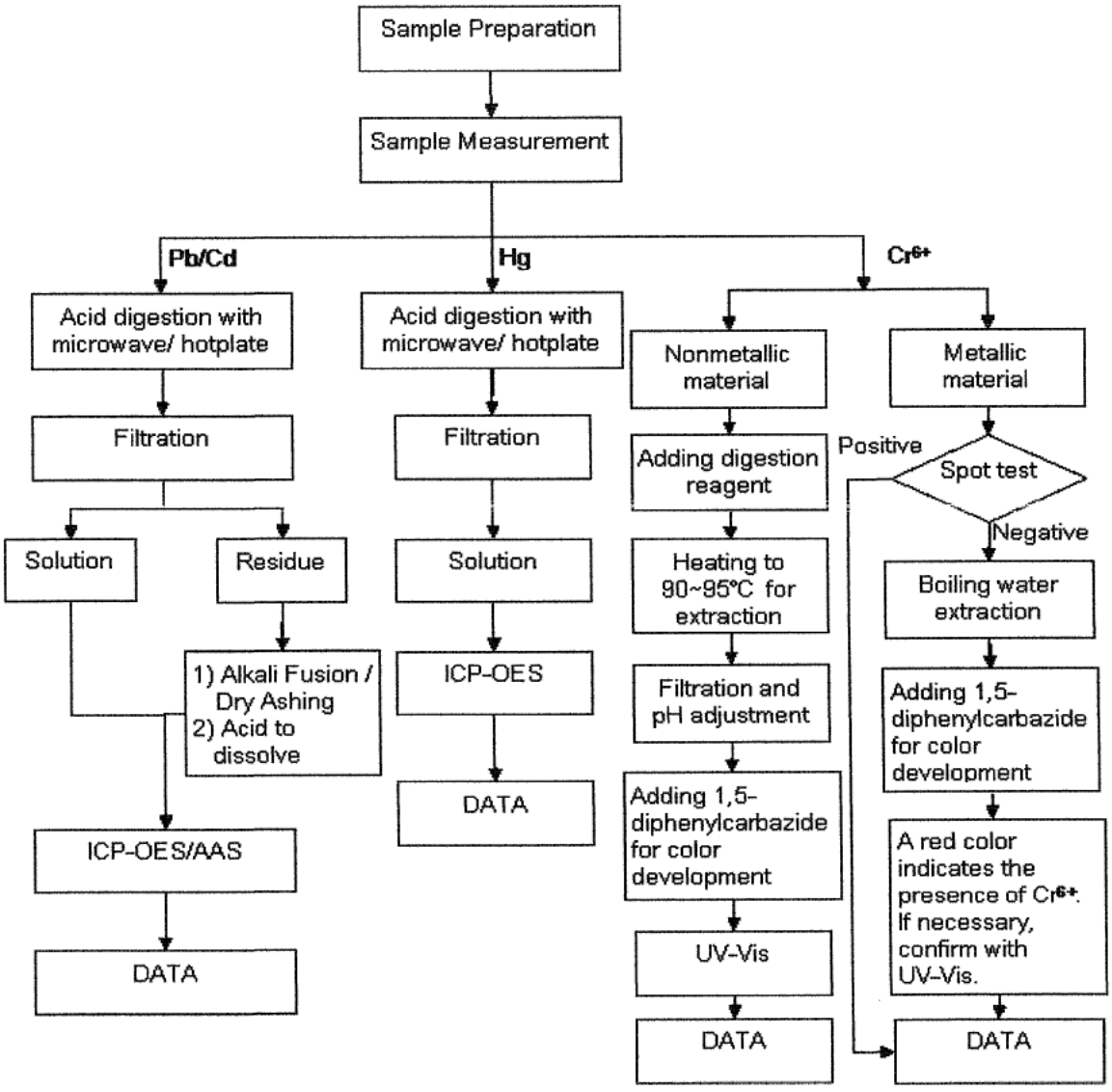
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ATTACHMENTS

Testing Flow Chart

1) Name of the person who made measurement: Luke Xu / Lily Lee
2) Name of the person in charge of measurement: Adams Yu / Leo Wang
3) These samples were dissolved totally by pre-conditioning method according to below flow chart (Cr^{6+} test method excluded).

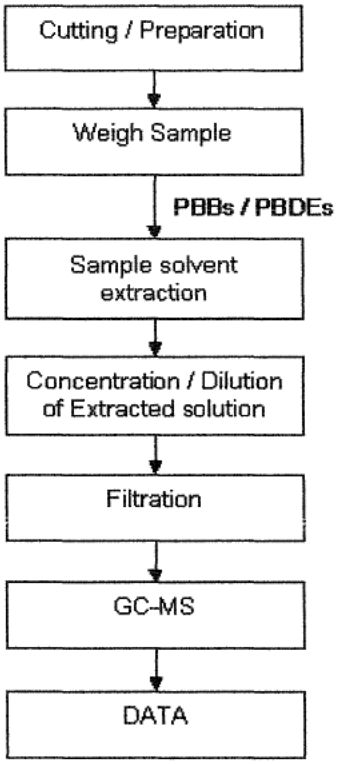


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Testing Flow Chart

1) Name of the person who made measurement: Lina Tang
2) Name of the person in charge of measurement: Tina Zhao



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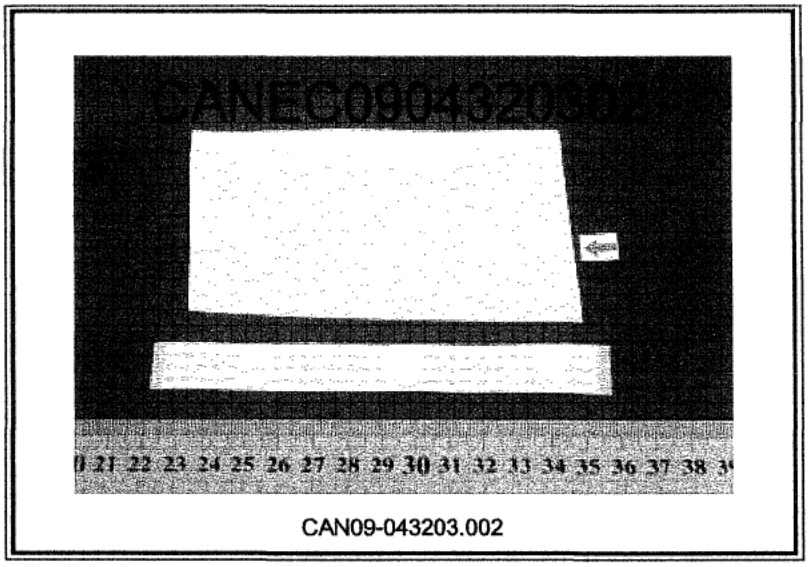
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Sample photo:



CAN09-043203.002

SGS authenticate the photo on original report only

*** End of Report ***

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