

惠州市连普电子有限公司
LINK-PP INT'L TECHNOLOGY Co., LIMITED

承 认 书
SPECIFICATION FOR APPROVAL

客 户：
CUSTOMER: Ozdisan

型 号：
PART NUMBER: LPJES101XDNL

规 格：
DESCRIPTION: 8P8C Rj45 F-jack wo/LED SMT

日期(**DATE**): 2017-04-27 版本(**REV**): A

(工程)ENGINEERING DEPT.	(品管)QC DEPT.	(核准)APPROVED BY
Tom Cai	Rose Liu	Frank Yuan

(客户承认)CUSTOMER APPROVAL:

(制表)ISSUED BY	(审核)CHECKED BY	(核准)APPROVED BY
<input type="checkbox"/> (合格)APPROVED	<input type="checkbox"/> (特许)CONCESSIONARY	<input type="checkbox"/> (不合格)REJECTED
(备注)COMMENTS:		

ADD:Jia-An Industrial.Park, Chenjiang.Rd, Zhong.kai Hightech.Zone,
Huizhou.City, 516003-China.

WEBSITE: www.link-pp.com

E-MAIL:Summer@link-pp.com

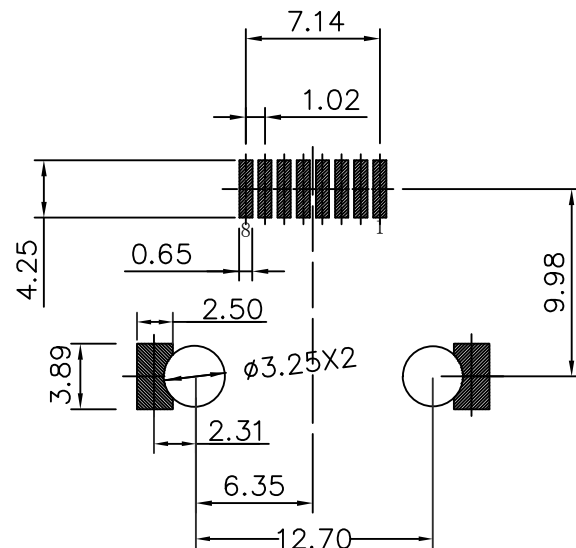
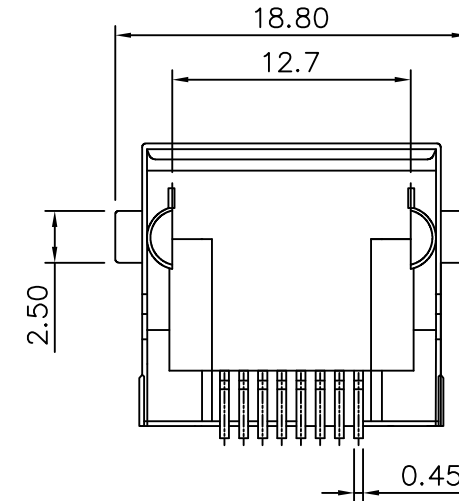
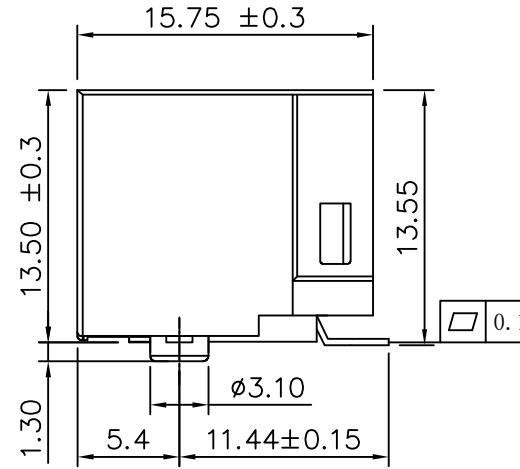
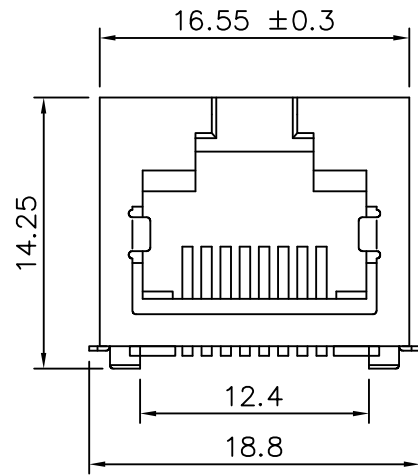
电话(TEL):0086-752-3322-915

传真(FAX):0086-752-3161-926



Mechanical:

REW.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2017-03-23	



Recommended PCB Layout



Electrical:

- 1.Voltage rating : 125 VAC RMS
- 2.Current Rating : 1.5 AMP
- 3.Contact resistance : 20 M Max
- 4.Insulation resistance : 1000 M Min @500V DC
- 5.Dielectric strength : 1000 VAC RMS 50Hz,1MIN.

MECHANICAL:

- 1.Housing & Insert Material : Thermoplastic LCP UL94V-0
- 2.Contact Material : Phospor bronze T=0.30mm
- 3.Plating :Gold Plating 6u OVER nickel,
- 4.Operating Life : 750 Cycles Min.

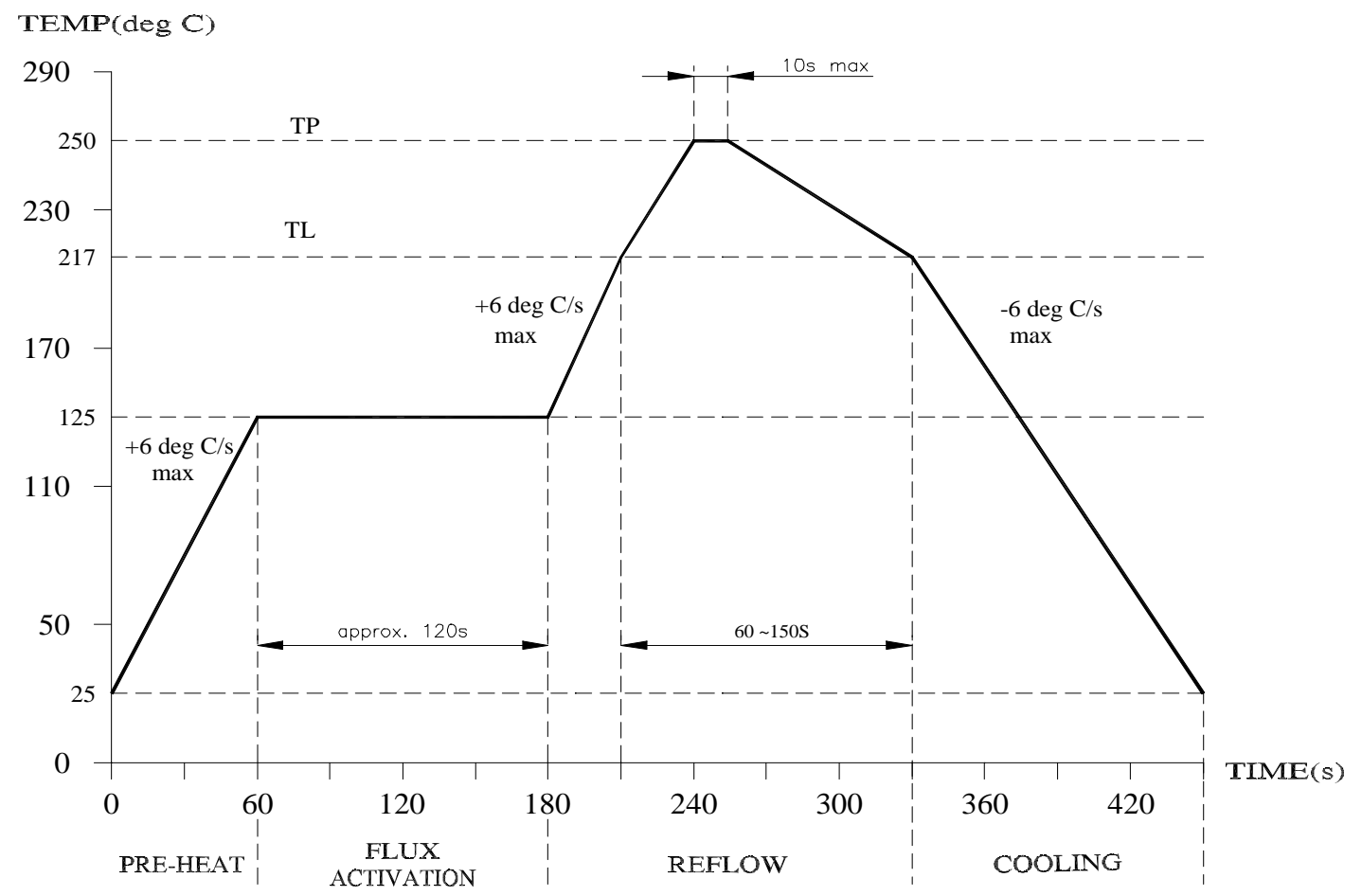
ENVIRONMENTAL:

- 1.Storage : -40 ~ +85
 - 2.Operation : -40 ~ +85
 - 3.Maximum reflow temperature: 260 Max , 5 Sec
- UL Certification: File Number E484635

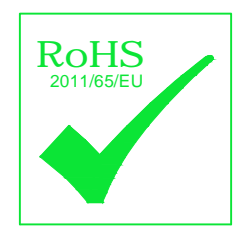
X:X	±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.25	CHKD:	TITLE:	
X:XXX	±0.05	DR: TOM	SMT RJ45 Connector (4.25mm)	
ANGLES	±1°	UNIT: mm	PART NO.:	LPJES101XDNL
	SCALE: 1/1	SHEET: 1/1	REV: A	DWG NO.: LP150609232S

REFLOW SOLDERING PROFILE

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2016-09-13	



COMPONENT BODY REFLOW TEMPERATURE PROFILE



.0	±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
.00	±0.25	CHKD:	TITLE:	
.000	±0.10	DR: TOM	SMT RJ45 Connector, 8P8C Wo/LED	
ANGLES	± 1°	UNIT: mm	PART NO.: LPJES101XDNL	
	SCALE: 2/1	SHEET: 1/1	REV: A	DWG NO.: LP150502712

LINK-PP INT'L TECHNOLOGY CO., LIMITED

TEST REPORT

P/N: LPJES101XDNL

TEST ITEM	TEST CONDITION	TEST REQUIREMENT	TEST RESULT										
			1	2	3	4	5	6	7	8	9	10	
E L E C T R I C A L	Contact Resistance	Mate applicable plug and expose to 23 ± 2°C, relative humidity 85 ± 5%	20m Ω MAX	15	12	16	14	15	17	18	18	18	16
	Insulation Resistance	APPLY 500V DC for 1minute between adjacent terminal	1000 M Ω MIN	∞	∞	∞	∞	∞	∞	∞	∞	∞	∞
	Withstand Voltage	Apply 1000V AC for 1minute between adjacent terminal	No breakdown	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
M E C H A N I C A L	Insert Force	Insert applicable plug at a rate of 10mm/S	2.2kg.f MAX	1.3	1.4	1.2	1.3	1.4	1.4	1.3	1.2	1.4	1.2
	Retention Force	Pull out applicable plug at a rate of 10mm/S	7.7kg.f MIN	8.9	9.1	8.9	8.9	9.2	8.9	8.7	9.1	9.1	8.9
	Durability	When rated up to 750 cycles repeated at a rate of 10 cycles/min	Appearance be OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Contact resistance 20m Ω MAX			18	19	18	18	20	17	19	17	18	19	
Sentence			OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Checker: Li Qiang

Tester: Zhu Liqian

Date: 2016-09-13

LINK-PP INT'L TECHNOLOGY CO., LIMITED

TEST REPORT

P/N: LPJES101XDNL

TEST ITEM	TEST CONDITION	TEST REQUIREMENT	TEST RESULT										
			1	2	3	4	5	6	7	8	9	10	
SOLDERABILITY	Insert the terminal into PCB and then for 4±1 seconds put in the solder-filled tester at the temperature restrained at 245±5℃	More than 95% of the pin is covered by Sn, Appearance be OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
ENVIRONMENT	Heat Resistance	Expose the products to 85±2℃ for 164 hours	Appearance be OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
		Contact Resistance 20mΩ MAX	18	17	20	18	19	18	20	19	18	20	
	Salt Spray	Expose to following salt mist conditions : concentration : 5±1 % PH:6.5-7.2, cycle:13's spray, 11's stop temperature : 35± 2 ℃, Spray time:24hours	Appearance be OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
			Contact resistance 20mΩ MAX	18	19	19	18	20	17	19	16	20	19
判定 Sentence			OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	

Checker: Li Qiang

Tester: Zhu Liqian

Date: 2016-09-13

Test Report

No. CANEC1610752805 A01 Date: 30 Jun 2016 Page 1 of 4

LINK-PP INT' L TECHNOLOGY CO., LIMITED

JIAAN INDUSTRIAL PARK, CHENJIANG TOWN, ZHONGKAI DISTRICT, HUIZHOU, GUANGDONG PROVINCE
CHINA

This report is to supersede test report CANEC1610752801

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

SGS Job No. : CP16-033903 - SZ
Model No. : LPJES101XDNL
Client Ref. Info. : LPJ SERIES, LPJD SERIES, LPJG SERIES, LPJU SERIES, LPJK SERIES LPJE SERIES
Date of Sample Received : 07 Jun 2016
Testing Period : 07 Jun 2016 - 14 Jun 2016
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 Cadmium, Lead, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) do not exceed the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch


Approved Signatory



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Guangzhou Branch Testing Service 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 t (86-20) 82155555 f (86-20) 82075113 e sgs.china@sgs.com

Test Report

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN16-107528.001	Black plastic(semi-product)

Remarks :

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

RoHS Directive (EU) 2015/863 amending Annex II to 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 62321-6:2015, determination of PBBs and PBDEs by GC-MS.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Cadmium (Cd)	100	mg/kg	2	ND
Lead (Pb)	1,000	mg/kg	2	7
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



Test Report

No. CANEC1610752805 A01 Date: 30 Jun 2016

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<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
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 RoHS Directive (EU) 2015/863.
- (2) On 4 June 2015, Commission Directive (EU) 2015/863 was published in the Official Journal of the European Union (OJEU) to include the phthalates BBP, DBP, DEHP and DIBP into ANNEX II of the Rohs Recast Directive. The new law restricts each phthalate to no more than 0.1% in each homogeneous material of an electrical product.
- (3) The restriction of DEHP, BBP, DBP and DIBP shall apply to medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, from 22 July 2021.
- (4) The restriction of DEHP, BBP, DBP and DIBP shall not apply to cables or spare parts for the repair, the reuse, the updating of functionalities or upgrading of capacity of EEE placed on the market before 22 July 2019, and of medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, placed on the market before 22 July 2021.
- (5) The restriction of DEHP, BBP and DBP shall not apply to toys which are already subject to the restriction of DEHP, BBP and DBP through entry 51 of Annex XVII to Regulation (EC) No 1907/2006.'



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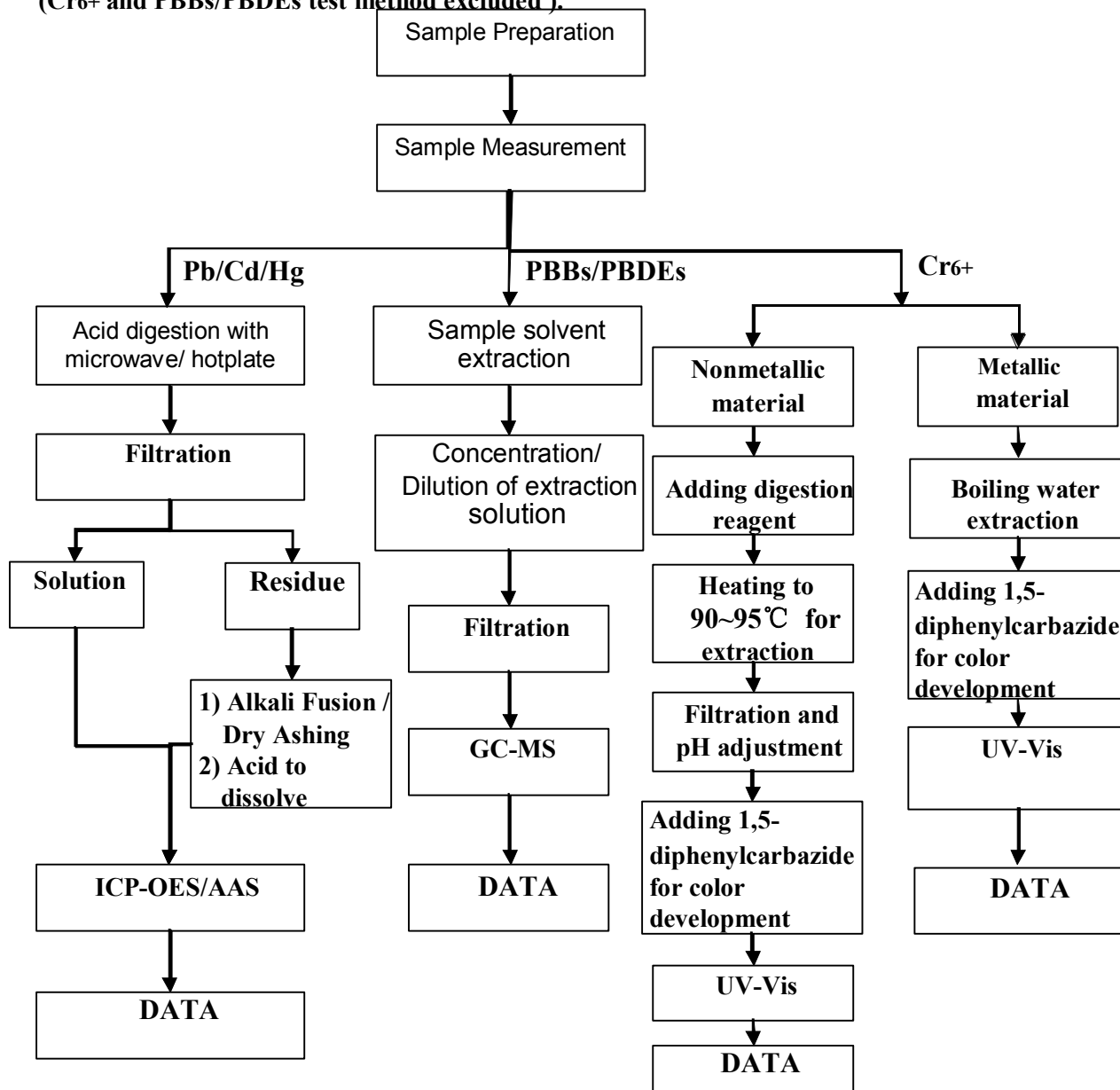
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ATTACHMENTS

Pb/Cd/Hg/Cr6+/PBBs/PBDEs 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 (Cr6+ and PBBs/PBDEs test method excluded).

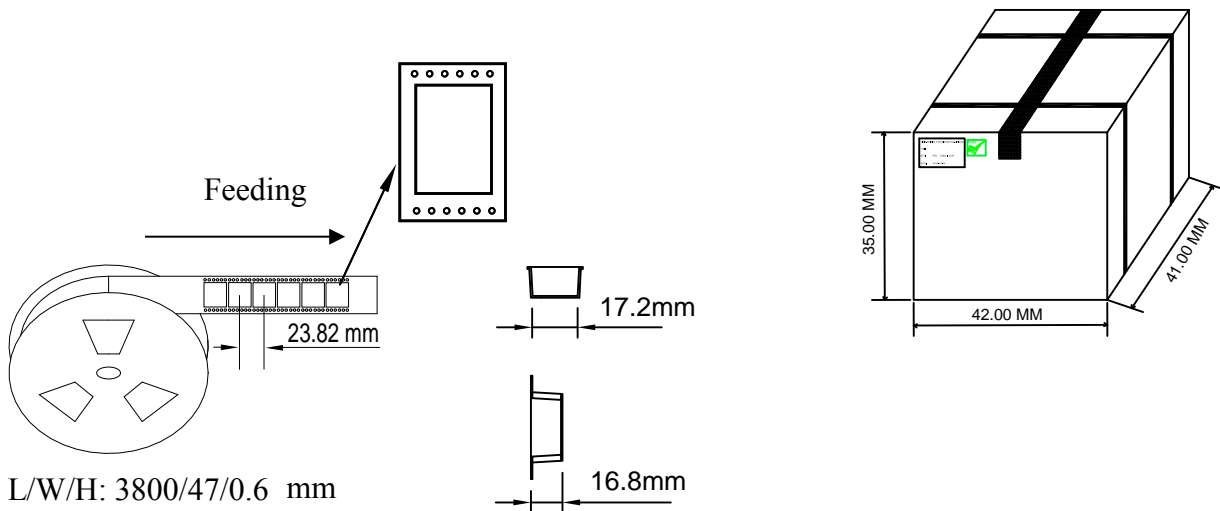


LINK-PP INT'L TECHNOLOGY CO.,LIMITED

PACKAGING SPEC

Customer: No.LP003019	Customer P/N:	Date:	2012-06-12
Quantity:	LINK-PP P/N:	LPJES101XDNL	REV: A

1.Feeding direction:



2.Packing method and quantity:

1. Part number and Quantity should be marked on the reel
2. 200 pcs/reel , part number and quantity should be marked on the reel.
3. 6 reel (1200 pcs)/box,part number and quantity should be marked on the box.

3.Measures of carton: L/W/H (cm) 42x41x35

4.Weight:

Net weight: 11.5KG

Gross weight: 12 KG

MSL: level 3