

浙江联和电子有限公司

ZHEJIANG LIANHE ELECTRONICS CO., LTD.

承 认 书

SPECIFICATION FOR APPROVAL

客 户 名 称 CUSTOMER	
品 名 DESCRIPTION	6.3(250)插片
料 号 CUSERTOMER PART NO	D630J-T
日 期 DATE	

客 户 确 认 (APPROVED SIGNATURES)

核准 (APPROVAL)	工程 (ENGINEERING)	品管 (QC)
承认结果： ☐ 承认 ☐ 不承认 ☐ 重新送样		



浙江联和电子有限公司
ZHEJIANG LIANHE ELECTRONICS CO., LTD.
地址：浙江省乐清市乐清湾港区创新路
Address: Chuangxin Road, YueQing Bay Port
Zone, Yueqing City, Zhejiang China 325600.
Tel: 0577-62383668 (销售) 0577-62383212 (Sales)
Fax: 0577-62382566
Web: lhecn.1688.com (中文) www.lhecn.net.cn (English)

目 录

1. 封面(COVER)	1
2. 目录(CATALOGUE).....	2
3. 命名和图纸(NAMING AND DRAWING).....	3-5
4. 规格书(SPECIFICATION).....	6-10
5. 认证(CERTIFICATION).....	11-18
6. 端子RoHS报告(TERMINAL RoHS REPORT)	19-25
7. MSDS	26-27
8. 反馈与建议(FEEDBACK AND SUGGESTIONS).....	28

核准（APPROVAL）	确认（CHECK）	制作（PREPARE）

端子料号命名规则

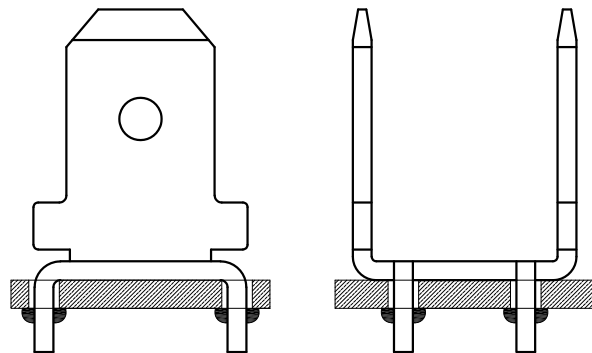
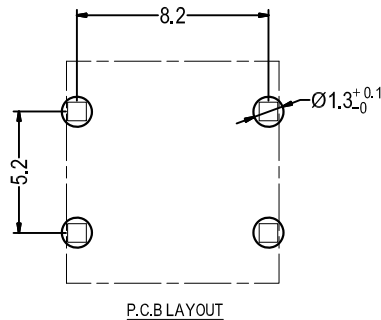
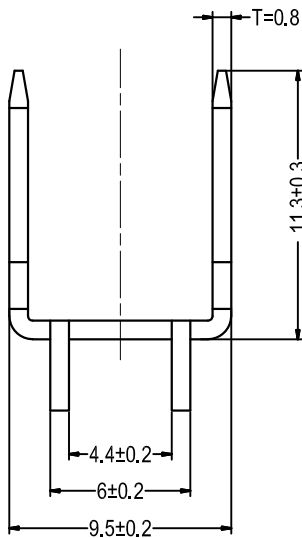
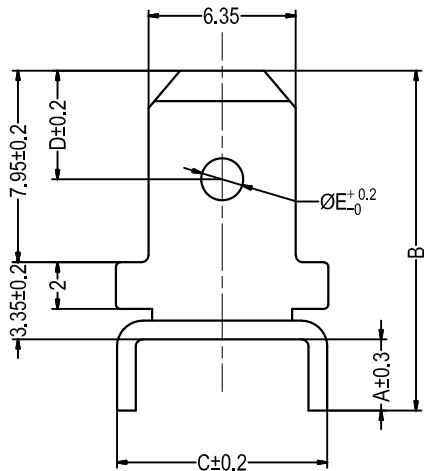
Terminal Part No. Naming Rules

A:Wire to Board Connectors B:Board-in Connectors C:Wire to Wire Connectors F:FFC/FPC Connectors I:IDC D:Hard Splices Connectors	A	2501	N	-	T	2	2	-	A	30	5	-	P	2
系列号 Series Number														
K=直形带锁 Z=旗形带锁 X=横插带锁 Y=叉形端子 R=环形端子 G=接线端子 W=鲨鱼齿端子	N=直形 Q=旗形 H=横插 J=插片 C=圆形													
特征类别(默认空) Feature Category:	B=子弹形端子 U=耳扒形端子													
产品类别 Product Category:	T=端子 Terminal													
同类别多型号序号(默认空) Same Series Different Type:	1~9													
同型号多尺寸序号(默认空) Same Type Different size:	1~9													
适用线规(默认空) Applicable Wire:	A=小脚 B=中脚 C=高脚 D=大脚													
料带厚度单位:mm X100 (0.3X100=30 默认空)														
配合厚度单位:mm X10 (0.5X10=5 默认空) 注:所有<灰色>说明,为D系列分类附加料号及说明!														
S=不锈钢 Stainless Steel 材质 P=磷青铜 Phos. Bronnze Material:B=黄铜 Brass														
表面处理 Surface Processing:	0=素材酸洗 None 1=镀镍 Nickel Plating 2=镀亮锡 Tin Plating 3=镀镍氹光锡 Matt Tin-Nickel Plating 4=镀铅锡 Tin-Lead Plating 5=镀铜锡 Tin-Cu Plating 6=镀镍银 Silver-Nickel Plating 7=镀镍金 Gold-Nickel Plating 8=镀镍局部金 Half Gold-Nickel Plating 9=镀亮锡局部金 Half Gold-Tin Plating 10=镀镍亮锡 Tin-Nickel Plating													

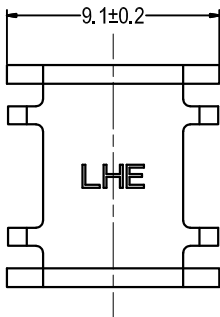
备注:表面处理内容只在产品标签中体现

D630J-T承认图面

REV	SYM	REVISION RECORD	DR.	APPR.	DATE
A/0		原始版本			E
A/1		取消端子表面处理说明	YF		20220521
A/2		新增T42端子	YF		20220528



SOLDERING GRAPHIC
FOR REFERENCE ONLY



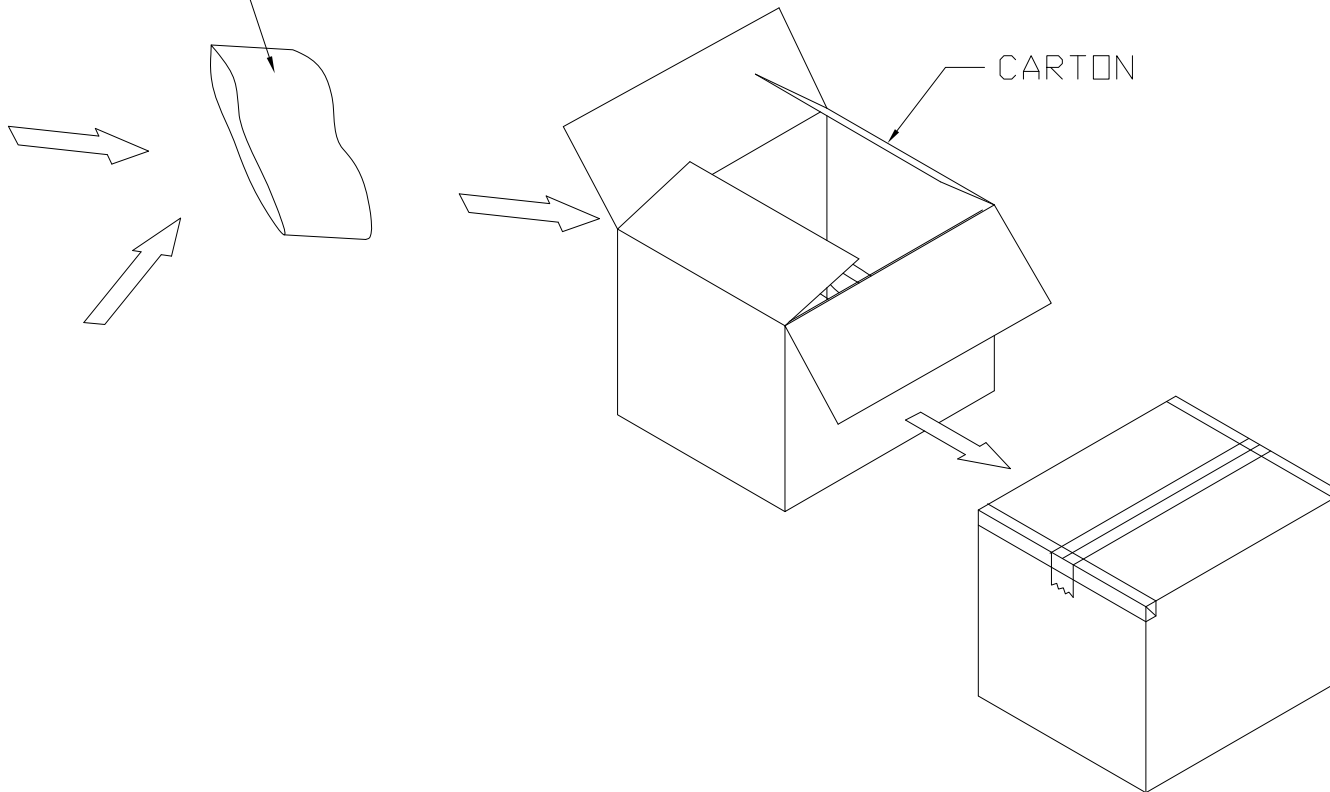
未 注 公 差				LHE® 浙江联和电子有限公司					
X. ° ±3° X. X° ±0.5°				ZHEJIANG LIANHE ELECTRONICS CO., LTD					
>0-3	>3-18	>18-50	>50-120	单位	比例	Design Units	SIZE	页码	
±0.12	±0.15	±0.3	±0.5	MM Only	——	METRIC	A4		
制 作	审 核	批 准	材 料	图 号			Part No.		
			见图解	品 名	6.3(250)插片T4N				

Part No.	A	B	C	D	E	MATERIAL	FINISH	Material thickness	Qty/reel
D630J-T41-80-B 6.3 (250) 插片T41	3.0	14.3	9.0	4.55	1.65	Brass	Tin-Argon Plating	0.8	1000pcs
D630J-T42-80-B 6.3 (250) 插片T42	3.2	14.7	8.4	4.45	1.8	Brass	Tin-Argon Plating	0.8	1000pcs

包装规范

REV	SYM	REVISION RECORD	DR.	APPR.	DATE
A/0		原 始 版 本			E
A/1					

POLY BAG



旧底图总号

底图总号

签字

日期

PART NO.	Poles	BAG SIZE (cm)			PER BAG Q'TY (PCS)	CARTON SIZE (cm)			CARTON WEIGHT REF. (g)	PER CARTON Q'TY (PCS)	G. W REF. (kg)
		L/D	W	-		L	W	H			
D630J-T	/	18	22	-	2000	300	400	500	545	50000	56

未注公差			LHE [®] 浙江联和电子有限公司 ZHEJIANG LIANHE ELECTRONICS CO., LTD					
X° ±3° X · X° ±0.5°			单位	比例	Design Units	SIZE	页码	
>0~3 >3~18 18~50 50~120			MM Only	—	METRIC	A4		
±0.12 ±0.15 ±0.3 ±0.5			材料	图号	Part No.			
制作 审核 批准			见图解	品名	D630J-T包装			

产品规格书

PRODUCT SPECIFICATION

版本号
Version Number: A 产品编码
Part Number: D630J-T

■ 规格 Specifications

- ◆2、额定电流 Current rating: 15A
- ◆3、额定电压 Voltage rating: 300V AC, DC
- ◆4、温度范围 Temperature range: -25℃ to +85℃
- ◆5、接触电阻 Contact resistance: $\leq 10\text{m}\Omega$
- ◆6、绝缘电阻 Insulation resistance: $\geq 1000\text{M}\Omega$
- ◆7、耐电压 Withstand voltage: 2000V AC/minute

产品性能测试 Performance test			
	项目 Item	测试条件 Test Condition	规格要求 Requirement
1	外观 Appearance	目测 Visual by eye 视力 Light: >1.0 照明 Lamp: 200~300Lx 目测距离 Space: 0.3~0.5m	2. 金属件表面无锈蚀、氧化、无明显的机械损伤等缺陷。 Metal part: tight and even surface without rust, oxide, fog and obvious physical damage defects is acceptable.
2	结构尺寸 Structure size	带表卡尺测量 Measurement with gauge caliper	按相应图纸文件执行 Execute According to the corresponding drawings and documents
3	互换性 Exchangeability	各产品相互进行插拔试验 Insertion and pull-out test of each product	各产品相互之间配合应良好
4	接触电阻 Contact Resistance	插合连接器, 用小功率电路进行测试。 Mate connectors, measure by dry circuit.	$10\text{m}\Omega$ MAX
5	绝缘电阻 Insulation Resistance	在相邻接触件之间或地线之间, 用500V DC电压进行测试。 Apply 500V DC between adjacent terminal or ground.	$1000\text{M}\Omega$ MIN
6	耐电压 Dielectric Strength	相邻接触件之间或地线之间施加50Hz 2000V AC(有效值), 漏电流1mA的电压作用, 时间1min。 Mate connectors, apply 1000V AC for 1 minute between adjacent terminal or ground.	无击穿和飞弧现象 No Breakdown

产品规格书

PRODUCT SPECIFICATION

 版本号
 Version Number: A

 产品编码
 Part Number: D630J-T

产品性能测试 Performance test				
	项目 Item	测试条件 Test Condition	规格要求 Requirement	
7	可焊性 Solderability	把测试样品需要焊接的部位浸入焊锡炉中 (锡炉温度 $245^{\circ}\text{C} \pm 5^{\circ}\text{C}$) 2 ± 0.5 秒钟。 Soldering time: 2 ± 0.5 second Solder Temperature: $245^{\circ}\text{C} \pm 5^{\circ}\text{C}$	上锡率 $\geq 95\%$ 95% of immersed area must show no voids, pin holes	
8	温度上升 Temperature Rise	插入连接器, 通以最大允许电流。 Carring rated current load.	温度最大上升 Temperature Rise	30°C MAX
9	温度循环 Temperature cycle	把测试样品放入高低温试验箱中, 按下列步骤调试温度: a) 在 $-25^{\circ}\text{C} \pm 2^{\circ}\text{C}$ 的恒温条件下放置0.5小时; b) 在 $85^{\circ}\text{C} \pm 2^{\circ}\text{C}$ 的恒温条件下放置0.5小时; 从a) 到b) 为一个循环周期, 共进行5个循环。 恢复1h后检查。状态转换时间不多于1小时。 Mated connectors are exposed to 5 cycles of: a) $-25^{\circ}\text{C} \pm 2^{\circ}\text{C}$ 0.5hour b) $+85^{\circ}\text{C} \pm 2^{\circ}\text{C}$ 0.5hour	外观 Appearance	无损伤 No Damage
			耐电压 Dielectric Strength	2000V, AC /minute
			绝缘电阻 Insulation Resistance	1000M Ω MIN
			接触电阻 LLCR	20m Ω MAX
10	机械振动 Vibration	插入连接器, 串联在一直流电源上, 电流100mA; 并模拟正常工作状态, 振频为10~55Hz、振幅1.5mm; 55~500Hz、加速度 50m/s^2 , 每一轴线扫频循环次数10次/2小时。 Frequency: 10~55Hz Amplitude: $\pm 1.5\text{mm}$ Frequency: $> 55 \sim 500\text{Hz}$ Acceleration: 50m/s^2 Duration: 2 hours in each X,Y,Z axes	外观 Appearance	无损伤 No Damage
			接触电阻 LLCR	20m Ω MAX
			中断 Intermittence	1 μ sec MAX

产品规格书

PRODUCT SPECIFICATION

版本号
Version Number: A

产品编码
Part Number: D630J-T

产品性能测试 Performance test				
	项目 Item	测试条件 Test Condition	规格要求 Requirement	
11	盐雾 Salt Spray	把先冲后镀的测试样品从试验箱顶悬挂下来，采用浓度为5%±1(质量百分比)的氯化钠溶液，连续雾化24小时，试验后用流动的蒸馏水轻轻洗去表面沉积物。在常温常驻湿条件下恢复1~2小时。 24 hour exposure to a saltspray from the 5%±1 solution.	外观无损伤(五金件应无露出底金属的严重锈蚀；使用预镀的型材，其落料面允许有不影响其性能的轻微腐蚀。)。 Appearance:No Damage (No erosion with material exposed.And with plating material,slight erosion on the cutting surface acceptable)	
12	插入力与拔出力 Insertion and Withdrawal Force (without lock)	单个相配的接触件以1mm/s~5mm/s的速度沿接插器轴线方向插入和拔出。 Insertion and withdraw single contact at the speed rate of 1mm/s~5mm/s.	插入力（最大值） Insertion (Max)	拔出力（最小值） Withdrawal (Min)
			60N	12N
13	耐焊接热 Resistance to Soldering Heat	把测试样品需要焊接的部位浸入焊锡炉中(锡炉温度260℃)；5±1秒钟后在正常的条件下恢复1小时。 Soldering time: 5±1 second Solder Temperature:260℃	外观 Appearance:无损伤 No Damage	

注：除非另有规定，所有试验和测量都应在标准实验大气条件下进行：
温 度：15~35℃
相对湿度：45%~75%RH
气 压：86~106kpa (860~1060mbar)
未特殊说明处，试验输入电流、输出电压等均为50/60Hz交流信号

序号	变更记录	变更原因	变更时间	责任人
变更记录				

制订 审核 批准 日期
Edit: _____ Check: _____ Approval: _____ Date: _____

6.3 (250) 插片

版本号
Version Number:

A

产品编码
Part Number:

D630J-T

☆ 逐批交货检验

检验办法 Inspection method				
序号	项目 Item	测试条件 Test Condition	检查水平 Inspection level	合格质量水平 quality level
A	外观 Appearance	1	II	0.25
B	结构尺寸 Structure size	2	S-3	0.65
C	互换性 Exchangeability	3	5	0
D	插拔力 Single contact Force	12		
E	可焊性 Solderability	7		
F	接触电阻 Contact Resistance	4		
G	耐电压 Dielectric Strength	6		
H	机械振动 Vibration	10		
I	盐雾 Salt Spray	11		

经逐批检验合格的产品可交付使用

☆ 标志、包装、运输和贮存

1. 标志
- 连接器上印有清晰的制造厂标志，浙江联和电子有限公司生产的连接器产品的标志是“LHE”注册商标；

LHE

2. 包装
- 端子产品为圆形纸盘包装，塑件产品为薄膜袋包装，各包装上均标示产品合格证和环保标志；外包装为纸箱，产品在箱内密封。
3. 运输
- 允许用任何方式运输，但应避雨、防湿，轻拿轻放，防止受机械损伤。
4. 贮存
- 4.1 包装完毕的连接器产品应在环境温度为-10~+40℃，相对湿度不大于80%，周围空气中没有酸性、碱性及其他腐蚀性气体的库房中贮存，包装箱堆放高度不得超过4层。
- 4.2 贮存期
- 贮存期为12个月，超过12个月需重新检查。

焊接条件

Conditions for soldering

版本号

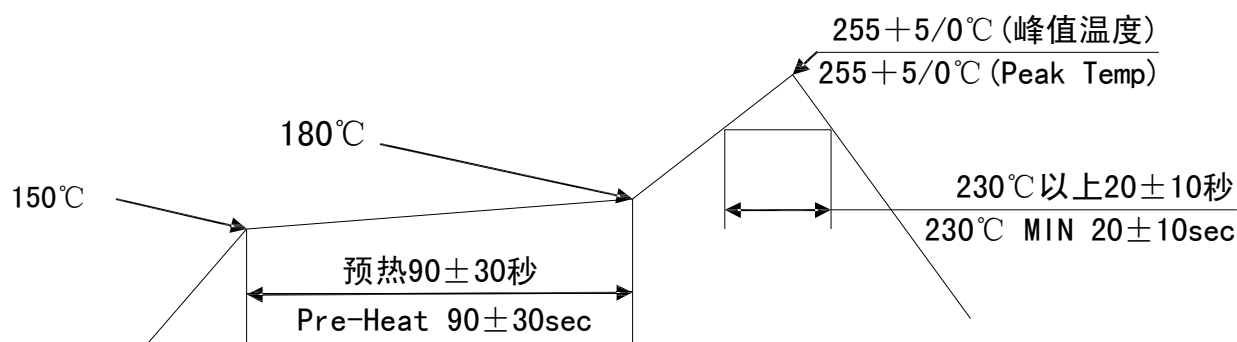
Version Number: A

产品编码

Part Number: D630J-T

Pb-free炉温要求 Pb-free reflow profile requirements

参数 Parameter	参考 Reference	规格 Specification
平均温度梯度预热 Average Temperature Gradient Preheating		2.5°C/s
浸泡时间 Soak time	tsoak 2-3	minutes
150°C以上时间 Time above 150°C	T1	60s
180°C以上时间 Time above 180°C	T2	50s
250°C以上时间 Time above 250°C	T3	2±0.5s
焊接温度 Peak temperature in reflow	Tpeak	255°C (-0/+5°C)
温度梯度的冷却 Temperature gradient in cooling		Max -5°C/s



温度条件图

TEMPERATURE CONDITION GRAPH

注：该剖面的最低要求耐热性的评价焊接部件。传热方法用于回流焊热空气对流。实际的空气温度用来实现规定的轮廓，很大程度上取决于回流装置。

Note: The minimum required heat resistance of the section is to evaluate the welded components. Heat transfer method is used for hot air convection in reflow welding. The actual air temperature used to achieve the specified profile depends largely on the reflux device.

ECBT2.E364711 - Connectors for Use in Data, Signal, Control and Power Applications - Component

Connectors for Use in Data, Signal, Control and Power Applications - Component

See General Information for Connectors for Use in Data, Signal, Control and Power Applications - Component

ZHEJIANG LIANHE ELECTRONIC CO LTD

E364711

Chuangxin Road, YueQing Bay Port Zone

Yueqing, Zhejiang 325600 CHINA

Connector, Model(s) 1.58-LHE f/b 2 , f/b 1 thru 12, f/b A2 or AW., 1.58-LHE f/b 2 thru 6, f/b A2 or AW

Connector, Model(s) 1.58-LHE followed by 2, followed by 1 thru 12, followed by A(T).

Connector, Model(s) 1.58-LHE, f/b 2 thru 6 , f/b A(T), 1.58-LHE, f/b 2 thru 6, f/b Y(T), 1.58-LHE, f/b 2, f/b 1 thru 12 , f/b Y(T), 2510-LHE f/b 2 , f/b 1 thru 12, f/b A2 or AW, 2510-LHE f/b 2 thru 6, f/b A2 or AW

Connector, Model(s) 2510-LHE followed by 2, followed by 1 thru 12, followed by A(T)

Connector, Model(s) 2510-LHE, f/b 2 thru 6 , f/b A(T), 2510-LHE, f/b 2 thru 6, f/b Y(T), 2510-LHE, f/b 2, f/b 1 thru 12 , f/b Y(T), 5.08-LHE f/b 2 , f/b 1 thru 12, f/b A2 or AW, 5.08-LHE f/b 2 thru 6, f/b A2 or AW

Connector, Model(s) 5.08-LHE followed by 2, followed by 1 thru 12, followed by A(T)

Connector, Model(s) 5.08-LHE, f/b 2 thru 6 , f/b A(T), 5.08-LHE, f/b 2 thru 6, f/b Y(T), 5.08-LHE, f/b 2, f/b 1 thru 12 , f/b Y(T), 51005-LHE f/b 2 , f/b 1 thru 12, f/b A2 or AW, 51005-LHE f/b 2 thru 6, f/b A2 or AW

Connector, Model(s) 51005-LHE followed by 2, followed by 1 thru 12, followed by A(T)

Connector, Model(s) 51005-LHE, f/b 2 thru 6 , f/b A(T), 51005-LHE, f/b 2 thru 6, f/b Y(T), 51005-LHE, f/b 2, f/b 1 thru 12 , f/b Y(T), 51006-LHE f/b 2 , f/b 1 thru 12, f/b A2 or AW, 51006-LHE f/b 2 thru 6, f/b A2 or AW

Connector, Model(s) 51006-LHE followed by 2, followed by 1 thru 12, followed by A(T)

Connector, Model(s) 51006-LHE, f/b 2 thru 6 , f/b A(T), 51006-LHE, f/b 2 thru 6, f/b Y(T), 51006-LHE, f/b 2, f/b 1 thru 12 , f/b Y(T), 5102-LHE f/b 2 , f/b 1 thru 12, f/b A2 or AW, 5102-LHE f/b 2 thru 6, f/b A2 or AW

Connector, Model(s) 5102-LHE followed by 2, followed by 1 thru 12, followed by A(T)

Connector, Model(s) 5102-LHE, f/b 2 thru 6 , f/b A(T), 5102-LHE, f/b 2 thru 6, f/b Y(T), 5102-LHE, f/b 2, f/b 1 thru 12 , f/b Y(T), 5240-LHE f/b 2 , f/b 1 thru 12, f/b A2 or AW, 5240-LHE f/b 2 thru 6, f/b A2 or AW

Connector, Model(s) 5240-LHE followed by 2, followed by 1 thru 12, followed by A(T)

Connector, Model(s) 5240-LHE, f/b 2 thru 6 , f/b A(T), 5240-LHE, f/b 2 thru 6, f/b Y(T), 5240-LHE, f/b 2, f/b 1 thru 12 , f/b Y(T), 5500-LHE f/b 2 , f/b 1 thru 12, f/b A2 or AW, 5500-LHE f/b 2 thru 6, f/b A2 or AW

Connector, Model(s) 5500-LHE followed by 2, followed by 1 thru 12, followed by A(T)

Connector, Model(s) 5500-LHE, f/b 2 thru 6 , f/b A(T), 5500-LHE, f/b 2 thru 6, f/b Y(T), 5500-LHE, f/b 2, f/b 1 thru 12 , f/b Y(T), 5557 followed by 2 thru 6, followed by A(T), 5557 followed by 2 thru 6, followed by A2 or AW, 5557 followed by 2 thru 6, followed by Y(T)

Connector, Model(s) 5557 followed by 2, followed by 1 thru 12, followed by A(T).

Connector, Model(s) 5557 followed by 2, followed by 1 thru 12, followed by A2 or AW

Connector, Model(s) 5557 followed by 2, followed by 1 thru 12, followed by Y(T)

Connector, Model(s) 5559-LHE f/b 2 , f/b 1 thru 12, f/b A2 or AW, 5559-LHE f/b 2 thru 6, f/b A2 or AW

Connector, Model(s) 5559-LHE followed by 2, followed by 1 thru 12, followed by A(T).

Connector, Model(s) 5559-LHE, f/b 2 thru 6 , f/b A(T), 5559-LHE, f/b 2 thru 6, f/b Y(T), 5559-LHE, f/b 2, f/b 1 thru 12 , f/b Y(T), 5566-LHE f/b 2 , f/b 1 thru 12, f/b A2 or AW, 5566-LHE f/b 2 thru 6, f/b A2 or AW

Connector, Model(s) 5566-LHE followed by 2, followed by 1 thru 12, followed by A(T)

Connector, Model(s) 5566-LHE, f/b 2 thru 6 , f/b A(T), 5566-LHE, f/b 2 thru 6, f/b Y(T), 5566-LHE, f/b 2, f/b 1 thru 12 , f/b Y(T), 5569-LHE f/b 2 , f/b 1 thru 12, f/b A2 or AW, 5569-LHE f/b 2 thru 6, f/b A2 or AW

Connector, Model(s) 5569-LHE followed by 2, followed by 1 thru 12, followed by A(T)

Connector, Model(s) 5569-LHE, f/b 2 thru 6 , f/b A(T), 5569-LHE, f/b 2 thru 6, f/b Y(T), 5569-LHE, f/b 2, f/b 1 thru 12 , f/b Y(T), 5600-LHE f/b 2 , f/b 1 thru 12, f/b A2 or AW, 5600-LHE f/b 2 thru 6, f/b A2 or AW

Connector, Model(s) 5600-LHE followed by 2, followed by 1 thru 12, followed by A(T)

Connector, Model(s) 5600-LHE, f/b 2 thru 6 , f/b A(T), 5600-LHE, f/b 2 thru 6, f/b Y(T), 5600-LHE, f/b 2, f/b 1 thru 12 , f/b Y(T), 63080-LHE f/b 2 , f/b 1 thru 12, f/b A2 or AW, 63080-LHE f/b 2 thru 6, f/b A2 or AW

Connector, Model(s) 63080-LHE followed by 2, followed by 1 thru 12, followed by A(T)

Connector, Model(s) 63080-LHE, f/b 2 thru 6 , f/b A(T), 63080-LHE, f/b 2 thru 6, f/b Y(T), 63080-LHE, f/b 2, f/b 1 thru 12 , f/b Y(T), B2502 followed by 2 thru 16, followed by Y(T), BH3.5-2A(T), BH3.5-2Y(T), MX3.0 followed by 2 thru 12, followed by A(T), MX3.0 followed by 2 thru 12, followed by A2 or AW, MX3.0 followed by 2 thru 12, followed by Y(T)

Connector, Model(s) MX3.0 followed by 2, followed by 1 thru 12, followed by A(T).

Connector, Model(s) MX3.0 followed by 2, followed by 1 thru 12, followed by A2 or AW

Connector, Model(s) MX3.0 followed by 2, followed by 1 thru 12, followed by Y(T)

Connector, Model(s) PA-LHE f/b 2, f/b 1 thru 12, f/b Y(T), PA-LHE followed by 2 thru 12, followed by A(T)

Connector, Model(s) PA-LHE followed by 2 thru 12, followed by A2 or AW

Connector, Model(s) PA-LHE followed by 2 thru 12, followed by Y(T)

Connector, Model(s) PA-LHE followed by 2, followed by 1 thru 12, followed by A(T)

Connector, Model(s) PA-LHE followed by 2, followed by 1 thru 12, followed by A2 or AW

Connector, Model(s) PH, PHB, XHB, JC25, SCN followed by -2 thru -20, followed by Y(T), A, AW or AWD

Connector, Model(s) PHB followed by 2 thru 16, followed by Y(T). followed by 2 thru 16, followed by AWD, A, AW

Connector, Model(s) Series 1.25, 1254, 1255 followed by -2 thru -25, followed by Y(T), A or AW

Connector, Model(s) Series 5264 followed by -2 thru -16, followed by Y(T), A or AWD

Connector, Model(s) SM followed by -2 thru -18, followed by Y(T) or A(T)

Connector, Model(s) VH, 3.96 followed by -2 thru -16, followed by Y(T), A, AW or AWG

Connector, Model(s) XA-LHE f/b 2, f/b 1 thru 12, f/b Y(T), XA-LHE followed by 2 thru 12, followed by A(T)

Connector, Model(s) XA-LHE followed by 2 thru 12, followed by A2 or AW

Connector, Model(s) XA-LHE followed by 2 thru 12, followed by Y(T)

Connector, Model(s) XA-LHE followed by 2, followed by 1 thru 12, followed by A(T)

Connector, Model(s) XA-LHE followed by 2, followed by 1 thru 12, followed by A2 or AW

Connector, Model(s) XH followed by -2 thru -20, followed by Y(T), A, AW, AWGD, AWD or AWGDJ

Connector, Model(s) ZH followed by 2 thru 16, followed by AWD or A, ZH followed by 2 thru 16, followed by Y(T).

Model(s) 1.25, followed by -2 thru -16, followed by AB or AWB

Model(s) 51146 or FI-S, followed by -2 thru -16, followed by AB or AWB

Model(s) A5001, followed by -2 thru -7, followed by Y, Y(T), AD or AWD

Model(s) B2501-LHE, A2004-LHE, A4203-LHE, PHR-LHE, PHD-LHE, CH2.5-LHE, DF11-LHE, PHSD-LHE, A5001-LHE, 35155-LHE, 35156-LHE, 5195-LHE, 5196-LHE, followed by 2 thru 16, followed by Y(T)

Model(s) BHS-LHE, SMH250-LHE, SMH200-LHE, L6.2-LHE, 1806-LHE, 2060-LHE, 2541-LHE, JC15-LHE, XHD-LHE, followed by -2, followed by A(T), or Y(T)

Model(s) JWPF-LHE, B2541-LHE, NV-LHE, DV-LHE, SGN-LHE, SJN-LHE, SDN-LHE, SIN-LHE, 35150-LHE, 35151-LHE, 35180-LHE, 35182-LHE, 35524-LHE, 35965-LHE, RCY-LHE, LC-LHE, VR-LHE, SHJ-LHE, SHL-LHE, DF19-LHE, ACH-LHE, DF13-LHE, IL-Z-LHE, 51146-LHE, SATA-LHE, XSR-LHE, SUR-LHE, SUH-LHE, ZE-LHE, ZND-LHE, ZPD-LHE, A1502-LHE, SFH-LHE, 51004-LHE, PUD-LHE, A20010-LHE, 35507-LHE, DF3-LHE, PND-LHE, RE-LHE, RA-LHE, RF-LHE or A3963, followed by -2 thru -15, followed by Y(T), YB(T) or YC(T), A, A-K, AW, AW-K, AD, AD-K, AWGD, AWGD-K, AQ, AQ-K, AWQ, AWQ-K, AD(BH) or AD(BH)-K.

Model(s) PH, followed by -2 thru -16, followed by AB or AWB

Model(s) PHB, SZN-LHE, SAN-LHE, JC20-LHE, EH-LHE, EI-LHE, EL-LHE, S-EL-LHE, followed by 2 thru 16, followed by AWD, A, AW

Model(s) PHB, SZN-LHE, SAN-LHE, JC20-LHE, EH-LHE, EI-LHE, EL-LHE, S-EL-LHE, followed by 2 thru 16, followed by Y(T)

Model(s) PHB, XH, XHB or XHBD, followed by -2 thru -16, followed by AB or AWB.

Model(s) RAST 5-LHE TAB HEADER ASSY , TH, Vertical, Cat. Nos. 1969738-LHE, 1969740-LHE, 1971845-LHE, 1971846-LHE, 1971895-LHE, 1971896-LHE, 1971946-LHE thru 1971949-LHE, 1971954-LHE thru 1971957-LHE, 2232008-LHE thru 2232011-LHE, 2232000-LHE thru 2232003-LHE, 2232016-LHE thru 2232019-LHE, 1971962-LHE thru 1971965-LHE, 2232024-LHE thru 2232027-LHE, 2232289-LHE thru 2232292-LHE, 2232043-LHE thru 2232074-LHE, 2232298-LHE thru 2232301-LHE, 2232511-LHE, 2232532-LHE, 2232557-LHE, 2232559-LHE, 2232560-LHE, 2232562-LHE, 2232563-LHE, 2232565-LHE, 2232566-LHE, 2232568-LHE, 2232569-LHE, 2232571-LHE, 2232572-LHE, 2232574-LHE, 2232575-LHE, 2232577-LHE, 2232578-LHE, 2232580-LHE, 2232581-LHE, 2232583-LHE, 2232584-LHE, 2232586-LHE, 2232587-LHE, 2232589-LHE, 2232590-LHE, 2232592-LHE, 2232593-LHE, 2232595-LHE, 2232596-LHE, 2232598-LHE, 2232599-LHE, 2232601-LHE, 2232602-LHE, 2232604-LHE, 2232605-LHE, 2232607-LHE, 2232608-LHE, 2232611-LHE thru 2232682-LHE, 2292457-LHE, 2292458-LHE, may incorporate prefix and/or suffix number.), followed by -2 thru -7, followed by Y, Y(T), AD or AWD.

Model(s) SY, followed by -2, followed by Y, Y(T), A or A(T)

Model(s) SYP, SYR, BH4.0-LHE, A10001-LHE, A7501-LHE, A8001-LHE, C2541-LHE, C2542-LHE, D250R-LHE, D280K-LHE, D300R-LHE, D350R-LHE, D400B-LHE, D430R-LHE, D470G-LHE, D480J-LHE, D480K-LHE, D480N-LHE, D480Q-LHE, D520H-LHE, D520K-LHE, D520Q-LHE, D620G-LHE, D630J-LHE, D630N-LHE, D630Q-LHE, D700G-LHE, F001-LHE, F002-LHE, HIF3-LHE, MC100-LHE, MC100-LHE, ME020-LHE, ME010-LHE, F2541-LHE, D2301-LHE, 1719057-LHE, 1719059-1-LHE, P0011-LHE, P0012-LHE, P0013-LHE, C6001-LHE, D2201-LHE, D2202-LHE or P0001-LHE, followed by -2, followed by Y, Y(T), A or A(T).

Model(s) VL-LHE , YL-LHE, SL-LHE, FL-LHE, YHD200-LHE, HA-LHE, LGC-LHE, JR-LHE, SP-LHE, 5025-LHE, followed by 2, followed by 1 thru 12, followed by A(T), Y(T), A2 or AW

Model(s) VL-LHE, YL-LHE, SL-LHE, FL-LHE, YHD200-LHE, HA-LHE, LGC-LHE, JR-LHE, SP-LHE, 5025-LHE, followed by 2 thru 12, followed by A(T), Y(T), A2 or AW

Model(s) XHD, XHE or XHQ, followed by -2 thru -15, followed by Y(T), YB(T) or YC(T), A, A-K, AW, AW-K, AD, AD-K, AWGD, AWGD-K, AQ, AQ-K, AWQ, AWQ-K, AD(BH) or AD(BH)-K.

Model(s) ZH, followed by -2 thru -16, followed by AB or AWB

Model(s) ZHR-LHE, SH-LHE, GH-LHE, NH-LHE, C1251-LHE, DF14-LHE, 5501-LHE, 75416-LHE, 543-LHE, followed by 2 thru 16, followed by AWD or A

Model(s) ZHR-LHE, SH-LHE, GH-LHE, NH-LHE, C1251-LHE, DF14-LHE, 5501-LHE, 75416-LHE, 543-LHE, followed by 2 thru 16, followed by Y(T)

Marking: Company name or trademark  , model designation and the Recognized Component Mark,  on the device or carton.

Last Updated on 2020-02-20

并不是所有出现在本数据库中的公司名称和产品都满足了UL 跟踪检验服务的要求。只有带有 UL 标志的产品，才应该被视为经过 UL 认证，并满足UL 跟踪检验服务的要求。注意查看产品上的标志。

UL 允许在线认证目录中所含材料的复制遵循以下条件：1.指南信息、装配、构造、设计、系统和/或认证（文件）必须在不篡改任何数据（或图纸）的情况下完整且无误导性地呈现。2.“经 UL 允许从在线认证目录转载”声明必须出现在所摘取材料的邻近位置。此外，转载材料必须包含以下格式的版权声明：“© 2020 UL LLC”



产品认证证书

证书编号: CQC17134174484

申请人名称及地址

浙江联和电子有限公司
浙江省乐清市乐清湾港区乐商创业园

制造商名称及地址

浙江联和电子有限公司
浙江省乐清市乐清湾港区乐商创业园

生产企业名称及地址

浙江联和电子有限公司 (V028069)
浙江省乐清市乐清湾港区创新路8号

产品名称和系列、规格、型号

连接器聚酰胺 66 (PA66)

型号见附件, 材料名称: 聚酰胺 (PA66), 材料牌号: A3RV0, 全色, 球压: 200℃, 灼
热丝可燃性指数 (GWFI): 960/0.3, 灼热丝起燃温度 (GWIT): 960/0.3, 燃烧等
级: V-0@0.3mm, CTI 600, 红外光谱, 差示扫描量热和热重分析见报告 00601-2019134003025

产品标准和技术要求

GB/T 5169.21-2017, GB/T 5169.12-2013, GB/T 5169.13-2013, GB/T 5169.16-2017, GB/T
4207-2012, GB/T 6040-2002, GB/T 19466.1-2004, GB/T 19466.2-2004, GB/T 19466.3-2004, ISO
11358-1:2014

认证模式

产品检测+获证后监督

上述产品符合 CQC13-036047-2009 认证规则的要求, 特发此证。

发证日期: 2019 年 09 月 29 日

本证书的有效性依据发证机构的定期监督获得保持。

本证书为变更证书, 证书首次颁发日期: 2017 年 07 月 27 日

主任: _____

陆杨



中国质量认证中心

中国·北京·南四环西路 188 号 9 区 100070

<http://www.cqc.com.cn>

C 0155366

VERIFICATION OF LVD COMPLIANCE

Applicant: Zhejiang Lianhe Electrical Co., Ltd.
 Manufacturer: Houyu village, Shifan town, Yueqing city, Zhejiang province, China.
 Product Description: Same as applicant
 Model No: Connector Terminal
 A1001, A1002, A1003, A1251, A1252, A1253, A1254, A1255,
 A1256, A1257, A1501, A1502, A1503, A2001, A2002, A2003,
 A2004, A2005, A2006, A2007, A2501, A2502, A2503, A2504,
 A2505, A2506, A2507, A2541, A2542, A2543, A2544,
 A2545, A3961, A3962, A3963, A3564, A5081, A5082, B1501,
 B1502, B2001, B2002, B2501, B2502, C01581, C01582, C1251,
 C2001, C2002, C2501, C2502, C2505, C2506, C3001, C3002,
 C3003, C3004, C3005, C3006, C3501, C3502, C3701, C3702,
 C4001, C4002, C4141, C4142, C4201, C4202, C4203, C4204,
 C4601, C4602, C4501, C4502, C4503, C4504, C5001, C5002,
 C5031, C5032, C6201, C6202, C6351, C6352, C6701, C6702,
 D2801, D2802, D2803, D4801, D4802, D4803, D4804, D6301,
 D6302, D6303

Sufficient samples of the product have been tested and found to be in conformity with

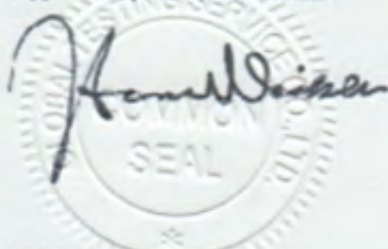
Test Standard: EN 60320-1:2001/A1:2007
 EN 60529:1991/A1:2000

As shown in the
 Test Report Number(s): TLZJ1411264692
 Date of issue: November 27, 2014

Conclusion

This Verification of LVD Compliance has been granted to the applicant based on the results of tests, performed by laboratory of Global Testing Services Co., Ltd on sample of the above-mentioned product in accordance with the provisions of the relevant specific standards and the Low Voltage Directive 2014/35/EU. The CE marking as shown below can be affixed, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives. The affixing of the CE marking presumes in addition that conditions the conditions in annexes III and IV of the Directive are fulfilled.

Approved by: Hermann Weiher



Global Testing Services Co., Ltd
 E-mail: info@gts-lab.com http://www.gts-lab.com
 Room 1501-1502, No. 520 Yishan Rd., Xuhui District, Shanghai, 200235 China



For and on behalf of
 Global Testing Services Co., Ltd





QUALITY MANAGEMENT SYSTEM CERTIFICATE

Certificate No. 00117Q310977R2S/3302

We hereby certify that
Zhejiang LianHe Electronics Co., Ltd.

Unified Social Credit Code/ Organization Code certificate: 913303825540033504

Registration Address: Houyu Village, Shifan Town, Yueqing City, Wenzhou City, Zhejiang Province, China

Production Address: Yueshang Pioneer Park, Yueqing Bay Port Area, Yueqing City, Wenzhou City, Zhejiang Province China

by reason of its
Quality Management System
has been awarded this certificate for compliance with the standard
GB/T 19001-2016 / ISO 9001:2015

The Quality Management System Applies in the following area:

The Design, Production of Electronics Connector

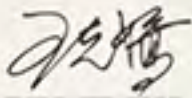
Certified since: February 13, 2012 Valid from: December 11, 2017 Valid until: December 14, 2020

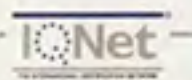
After a surveillance cycle, the certificate is valid only when used together with an Acceptance Notice of Surveillance Audit issued by CQC.
Please access www.cqc.com.cn for checking validity of the certificate.

This certificate and its relevant information can query in the website of Certification and Accreditation Administration of the People's Republic of China (www.cnca.gov.cn).



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C001-M


Signed by: Wang Kejian



CHINA QUALITY CERTIFICATION CENTRE

Section 9, No.188, Nansihuan(the South Fourth Ring Road) Xilu(West Road), Beijing 100070,China
<http://www.cqc.com.cn>



THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

IQNet and
CQC
hereby certify that the organization

Zhejiang LianHe Electronics Co., Ltd.

Registration Address: Houyu Village, Shifan Town, Yueqing City, Wenzhou City, Zhejiang Province, China
Production Address: Yueshang Pioneer Park, Yueqing Bay Port Area, Yueqing City, Wenzhou City, Zhejiang Province China

For the following field of activities

The Design, Production of Electronics Connector

**Has implemented and maintains a
Management System**

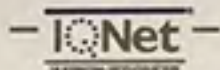
Which fulfils the requirements of the following standard

GB/T 19001-2016 / ISO 9001:2015

Issued on: December 11, 2017

Validity date: December 14, 2020

Registration Number: 00117Q310977R2S/3302



Michael Drechsel
President of IQNet

Wang Kejiao
President of CQC



IQNet Partners*:

AENOR Spain AFNOR Certification France AIB-Vinçotte International Belgium ANCE-SIGE Mexico APCER Portugal CCC Cyprus
CISQ Italy CQC China CQM China CQS Czech Republic Cro Cert Croatia DQS Holding GmbH Germany
FCAV Brazil FONDONORMA Venezuela ICONTEC Colombia IMNC Mexico Inspecta Certification Finland IRAM Argentina
JQA Japan KFQ Korea MIRTEC Greece MSZT Hungary Nemko AS Norway NSAI Ireland PCBC Poland
Quality Austria Austria RR Russia SII Israel SIQ Slovenia SIRIM QAS International Malaysia
SQS Switzerland SRAC Romania TEST St Petersburg Russia TSE Turkey YUQS Serbia
IQNet is represented in the USA by: AFNOR Certification, CISQ, DQS Holding GmbH and NSAI Inc.

* The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com

检测报告

编号: SHAEC23005417604

日期: 2023 年 05 月 09 日

第 1 页, 共 7 页

客户名称: 浙江联和电子有限公司
客户地址: 浙江省乐清市乐清湾港区乐商创业园
浙江省乐清市乐清湾港区电子信息产业园红旗路 8 号

样品名称: 端子 针
客户参考信息: 见附件
以上样品及信息由客户提供。

SGS 工作编号: SHP23-001324
样品接收时间: 2023 年 05 月 04 日
检测周期: 2023 年 05 月 04 日 ~ 2023 年 05 月 09 日
检测要求: 根据客户要求检测。
检测方法: 见后续页。
检测结果: 见后续页。

检测要求	结论
欧盟 RoHS 指令 2011/65/EU 附录 II 的修正指令(EU) 2015/863-铅、汞、镉和六价铬	符合

通标标准技术服务(上海)有限公司
授权签名

Jenny Lan 兰柳珍
批准签署人

scan to see the report



B6F28BB6



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Docscheck@sgs.com

SGS-CTC (Shanghai) Technical Services (Shanghai) Co., Ltd.
Testing Center-Chemical Laboratory

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgs.com
t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Member of the SGS Group (SGS SA)

检测报告

编号: SHAEC23005417604

日期: 2023 年 05 月 09 日

第 2 页, 共 7 页

检测结果:

检测部件外观描述:

样品序号	样品编号	SGS 样品 ID	样品描述
SN1	A2	SHA23-0054176-0001.C002	银色金属

备注:

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

欧盟 RoHS 指令 2011/65/EU 附录 II 的修正指令(EU) 2015/863-铅、汞、镉和六价铬

检测方法: 参考 IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013 和 IEC 62321-7-1:2015, 采用 ICP-OES 和 UV-Vis 进行分析。

检测项目	限值	单位	MDL	A2
镉 (Cd)	100	mg/kg	2	ND
铅 (Pb)	1000	mg/kg	2	71
汞 (Hg)	1000	mg/kg	2	ND
六价铬(Cr(VI)) ▼	-	µg/cm ²	0.10	ND

备注:

- (1) 最大允许极限值引用自RoHS指令(EU) 2015/863。
- (2) IEC 62321系列等同于 EN 62321系列。
- (3) ▼ = 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, 样品的六价铬检测结果仅能代表测试时样品含六价铬的状态。

除非另有说明, 参照 ILAC-G8:09/2019, 使用简单接受 (w=0) 的二元判定规则进行符合性判定。

除非另有说明, 此报告结果仅对检测的样品负责。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。



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Deccheck@sgs.com

SGS-CSTC (Shanghai) Co., Ltd.
Testing Center - Chemical Laboratory

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Member of the SGS Group (SGS SA)

检测报告

编号: SHAEC23005417604

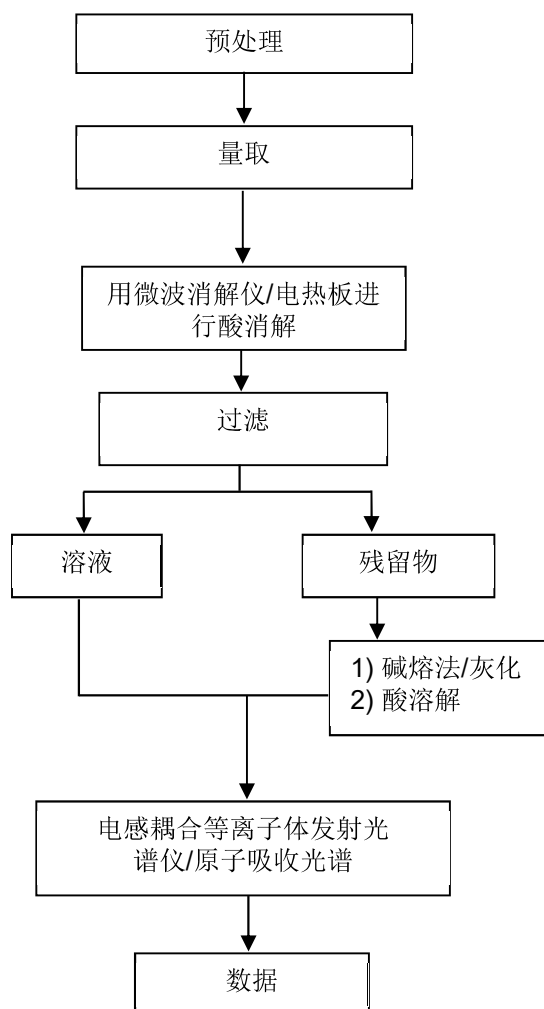
日期: 2023 年 05 月 09 日

第 3 页, 共 7 页

附件

元素检测流程图

样品按照下述流程被完全消解



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Deccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Member of the SGS Group (SGS SA)

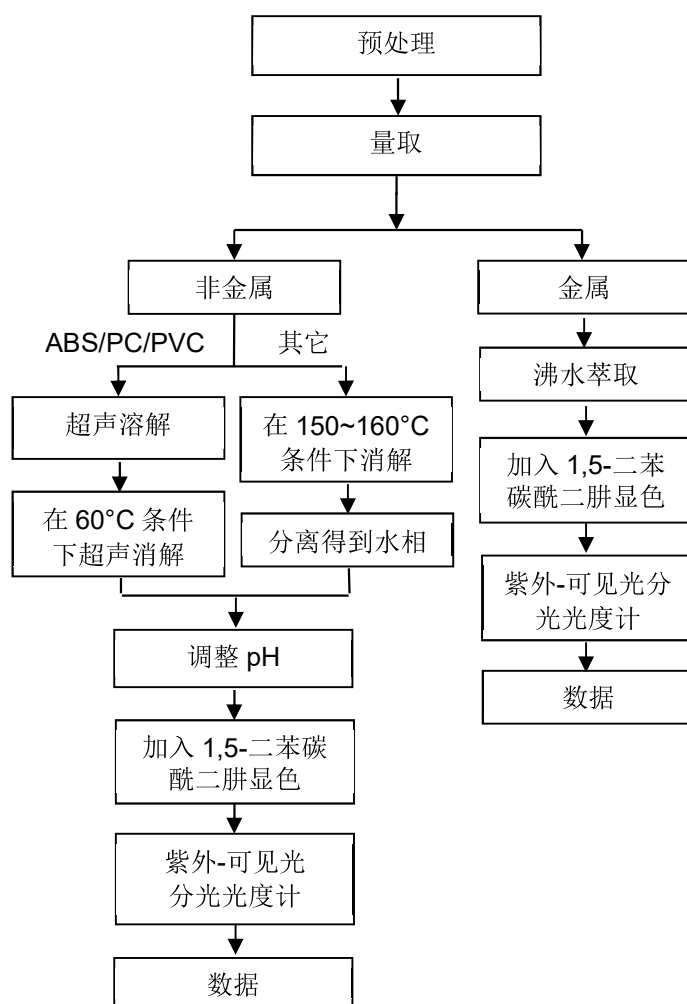
检测报告
附件

编号: SHAEC23005417604

日期: 2023 年 05 月 09 日

第 4 页, 共 7 页

六价铬检测流程图



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Deccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Member of the SGS Group (SGS SA)

检测报告

编号: SHAEC23005417604

日期: 2023 年 05 月 09 日

第 5 页, 共 7 页

附件:

1.0, SH, SHD, 1.25, 51021, DF14, DF13, GH, ZH, PH, PHB, PA, PHSD, DF11, C1251, 51047, 51146, FI-S, PHD, YHD200, PA, SMP, SMW, SMH, SMH200, SMH200-H, YH200, 20039WR, 杜邦 2.0, XH/TJC3, XA, HA, XHB, XHD, XHE, EH, EI, 小四 P, 5263, 5264, 5267, 5268, SZN, SAN, SCN, SCND, JC15, JC20, JC25, 5102, 5240, SMH250, SMP250, SMW250, 25048HS, 25045HP, SM, TJC8, 杜邦 2.54, TJC8A, 杜邦带锁, TJC8B, TJC8H, 5051, 2510, 美尚美, 43640, 43645, 43020, 43025, 5500, 5600, VH, VHR, YH396, VHR, 35156, 2139, 3.96, 90331, 5195, 5196, 39612, FL, 5557, 5559, 5566, 5569, SL, RV42, EL, YL, 小 EL, 8981, 大四 P, 5058, 5.08, L6.2, VL, VLP/VLR, TJC2, TJC2A, TJC2B, TJC4, TJC1, 1806, MX3.0, 1.58, 51005, 51006, BH3.5, BH4.0, 63080, 51004, TJC15, A4203, CL014, OTP, MKH, SMF, Cy-X201, 35108, 35150, 35151, 35224, 35180, 35965, 42021, 42022, 42002, 35955, SA, SCS, 35189, 35196, CH10, CH2.5, 543, SLP, SLR, YHL500, YWL500, FFC, FPC, 20030, 250, LGC, S11, YH025, 35155, 25415, 5197, 5198, 110, 2.8, 6.3, SCS

NH, XHQ, 42474, 42475, QH, NV, 50300, 50301, 5025, 3191, 5199, STV5, YHL500, YWL500, F001, F002, D440, D600, D620, D700, D220, D230, D250, D480, D520, D280, D630, D430, D400, D450, U-T, F1001-T, SIN-T, 774, 773, 778, 294, TU-JTK(SV), TU(SNB), TO-JTK(RV), MDD, FDD, TG-JT, IDC, AUTO, CONNECTOR, DJ70, DT04, DT06, UY/K1, UY2/K2, UR/K3, UR2, UB/K4, UB2A, UG/K5, U1R/K8, U1B/K9, HJKT10, UDW2, 314, A5001, A5002, MC100, FPC2.54, SGN, PHR, ZHR, 205, 5.2, C1801, C1802, 2060, A5003, ME020, ME010, FPC/FFC, B2541, 1971845, 1971846, 2232043, 2232044, 2232511, 1971895, 1971896, JWPF, SY, Molex1.5, ME0100, RAST, A5004, DV, SJN, SDN, 35182, 35524, RCY, LC, VR, SHJ, SHL, DF19, ACH, IL-Z, SATA, XSR, SUR, SUH, ZE, ZND, ZPD, SFH, PUD, AMP2.0, 35507, DF3, PND, RE, RA, RF, SYP/SYR, HIF3, MC100/ME020/ME010, F2541, VHB, VHC, VHD

1969738, 1969740, 1971845, 1971846, 1971895, 1971896, 1971946 thru 1971949, 1971954 thru 1971957, 2232008 thru 2232011, 2232000 thru 2232003, 2232016 thru 2232019, 1971962 thru 1971965, 2232024 thru 2232027, 2232289 thru 2232292, 2232043 thru 2232074, 2232298 thru 2232301, 2232511, 2232532, 2232557, 2232559, 2232560, 2232562, 2232563, 2232565, 2232566, 2232568, 2232569, 2232571, 2232572, 2232574, 2232575, 2232577, 2232578, 2232580, 2232581, 2232583, 2232584, 2232586, 2232587, 2232589, 2232590, 2232592, 2232593, 2232595, 2232596, 2232598, 2232599, 2232601, 2232602, 2232604, 2232605, 2232607, 2232608, 2232611 thru 2232682, 2292457, 2292458, 1064, 2064, 3064, 1080, 2080, 3080, 1100, 2100, 3100, 1120, 2120, 3120, 1150, 2150, 3150, 1180, 2180, 3180, 1230, 2230, 3230, 1250, 2250, 3250, 1280, 2280, 3280, 1300, 2300, 3300, 1480, 2480, 3480, 1630, 2630, 3630, 1780, 2780, 3780, 1950, 2950, 3950, 1010, 2010, 3010, 1013, 2013, 3013, 1015, 2015, 3015, 1016, 2016, 3016, 1025, 2025, 3025, 1035, 2035, 3035, 1045, 2045, 3045, 1058, 2058, 3058, 1999, 2999, 3999, 401, 402, 403, 503, TPA, BX

A1001 A1002 A1003 A1004 A1005 A1006 A1007 A1008 A1009
A1251 A1252 A1253 A1254 A1255 A1256 A1257 A1258 A1259
A1501 A1502 A1503 A1504 A1505 A1506 A1507 A1508 A1509
A2001 A2002 A2003 A2004 A2005 A2006 A2007 A2008 A2009
A2010 A2011 A2012 A2013 A2014 A2015 A2016 A2017 A2018
A2501 A2502 A2503 A2504 A2505 A2506 A2507 A2508 A2509
A25010 A25011 A25012 A25013 A25014 A25015 A25016 A25017 A25018
A2541 A2542 A2543 A2544 A2545 A2546 A2547 A2548 A2549
A3001 A3002 A3003 A3004 A3005 A3006 A3007 A3008 A3009
A3301 A3302 A3303 A3304 A3305 A3306 A3307 A3308 A3309



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Deccheck@sgs.com

SGS-CSTC (Shanghai) Technical Service Co., Ltd.
Testing Center-Chemical Laboratory

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgs.com.cn
t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

检测报告

编号: SHAEC23005417604

日期: 2023 年 05 月 09 日

第 6 页, 共 7 页

A3961	A3962	A3963	A3964	A3965	A3966	A3967	A3968	A3969
A4201	A4202	A4203	A4204	A4205	A4206	A4207	A4208	A4209
A5001	A5002	A5003	A5004	A5005	A5006	A5007	A5008	A5009
A5081	A5082	A5083	A5084	A5085	A5086	A5087	A5088	A5089
A6501	A6502	A6503	A6504	A6505	A6506	A6507	A6508	A6509
B1251	B1252	B1253	B1254	B1255	B1256	B1257	B1258	B1259
B1501	B1502	B1503	B1504	B1505	B1506	B1507	B1508	B1509
B2001	B2002	B2003	B2004	B2005	B2006	B2007	B2008	B2009
B2501	B2502	B2503	B2504	B2505	B2506	B2507	B2508	B2509
B2541	B2542	B2543	B2544	B2545	B2546	B2547	B2548	B2549
B76201	B76202	B76203	B76204	B76205	B76206	B76207	B76208	B76209
B13001	B13002	B13003	B13004	B13005	B13006	B13007	B13008	B13009
C01581	C01582	C01583	C01584	C01585	C01586	C01587	C01588	C01589
C1251	C1252	C1253	C1254	C1255	C1256	C1257	C1258	C1259
C1501	C1502	C1503	C1504	C1505	C1506	C1507	C1508	C1509
C2001	C2002	C2003	C2004	C2005	C2006	C2007	C2008	C2009
C2501	C2502	C2503	C2504	C2505	C2506	C2507	C2508	C2509
C25010	C25011	C25012	C25013	C25014	C25015	C25016	C25017	C25018
C2541	C2542	C2543	C2544	C2545	C2546	C2547	C2548	C2549
C3001	C3002	C3003	C3004	C3005	C3006	C3007	C3008	C3009
C3501	C3502	C3503	C3504	C3505	C3506	C3507	C3508	C3509
C3681	C3682	C3683	C3684	C3685	C3686	C3687	C3688	C3689
C3961	C3962	C3963	C3964	C3965	C3966	C3967	C3968	C3969
C4001	C4002	C4003	C4004	C4005	C4006	C4007	C4008	C4009
C4141	C4142	C4143	C4144	C4145	C4146	C4147	C4148	C4149
C4201	C4202	C4203	C4204	C4205	C4206	C4207	C4208	C4209
C4501	C4502	C4503	C4504	C4505	C4506	C4507	C4508	C4509
C5001	C5002	C5003	C5004	C5005	C5006	C5007	C5008	C5009
C6201	C6202	C6203	C6204	C6205	C6206	C6207	C6208	C6209
C6351	C6352	C6353	C6354	C6355	C6356	C6357	C6358	C6359
D2801	D2802	D2803	D2804	D2805	D2806	D2807	D2808	D2809
D4801	D4802	D4803	D4804	D4805	D4806	D4807	D4808	D4809
D5201	D5202	D5203	D5204	D5205	D5206	D5207	D5208	D5209
D6301	D6302	D6303	D6304	D6305	D6306	D6307	D6308	D6309
D6201	D6202	D6203	D6204	D6205	D6206	D6207	D6208	D6209
D7001	D7002	D7003	D7004	D7005	D7006	D7007	D7008	D7009
F0501	F0502	F0503	F0504	F0505	F0506	F0507	F0508	F0509
F05010	F05011	F05012	F05013	F05014	F05015	F05016	F05017	F05018
F1001	F1002	F1003	F1004	F1005	F1006	F1007	F1008	F1009
F10010	F10011	F10012	F10013	F10014	F10015	F10016	F10017	F10018
F2541	F2542	F2543	F2544	F2545	F2546	F2547	F2548	F2549
P0001	P0002	P0003	P0004	P0005	P0006	P0007	P0008	P0009
P0010	P0011	P0012	P0013	P0014	P0015	P0016	P0017	P0018
P0019	P0020	P0021	P0022	P0023	P0024	P0025	P0026	P0027
D2301	D2302	D2303	D2304	D2305	D2306	D2307	D2308	D2309
D6001	D6002	D6003	D6004	D6005	D6006	D6007	D6008	D6009
D2201	D2202	D2203	D2204	D2205	D2206	D2207	D2208	D2209



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Decheck@sgs.com

SGS-CTC (Shanghai) Technical Service Co., Ltd.
Testing Center - China Laboratory

31st Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgs.com.cn
t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

检测报告

编号: SHAEC23005417604

日期: 2023 年 05 月 09 日

第 7 页, 共 7 页

样品照片:



此照片仅限于随 SGS 正本报告使用

报告结束



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC (Shanghai) Technical Services (Shanghai) Co., Ltd.
Testing Center-Chemical Laboratory

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Member of the SGS Group (SGS SA)

编号：LHES006

MSDS

1. 物品成分与厂商资料

厂商名称：浙江联和电子有限公司	物品编号：QSN6.5-0.1
	物品名称：磷铜端子
	纯物质：
	危害物质成分（%）无

2. 成份辨识资料

成份名称	化学文摘社登记号码(CAS No.)	浓度范围（成分百分比 Percentage %）
铜(Cu)	7440-50-8	余量
磷(P)	7723-14-0	0.0026-0.005%
锌(Zn)	7440-66-6	0.03-0.04%
镍(Ni)	7440-02-0	0.054-0.063%
锑(Sb)	7440-36-0	0.00015%
铅(Pb)	7439-92-1	<0.005%
铁(Fe)	7439-89-6	0.005-0.0059%
纯镍(Ni)	7440-02-0	0.054-0.063%
纯锡(Sn)	7440-31-5	6.2 %

2. 危害辨认资料

严重危害效应	健康危害效应：本产品为固体时不具健康危害及危害
	环境影响：本产品为固体时对环境不具影响
	物理性及化学性危害：固体/无味/多色
	特殊危害：固体时（防火或高温）无特殊危害

主要症状：无

3. 急救措施

急救方法	吸入：无吸入
	皮肤接触：接触无危害
	食入：无食入

主要症状及危害效应：无

4. 灭火措施

通用灭火器：二氧化碳，泡沫，干粉化学灭火器，水雾等
灭火时可能遭遇之特殊危害：会引起火灾
消防人员之特殊防护装备：使用从氧式吸防护具

5. 泄漏处理方法

个人应注意事项：注意工作台面清洁，作业时及时清洗手
环境注意事项：将泄漏之物料以容器盛装以便回收或废弃
清理方式：工作台面每天作业前/后须擦拭干净，建议可以戴手套或手指套作业

6. 安全处置与储存方法

处置：废弃物可送到政府许可的废弃物处理中心进行处理

储存：空调仓，23±5℃，湿度 65%以下，仓库里面安装灭火器	
7. 暴露预防措施	
个人防护设备	呼吸防护：口罩，一般无此要求，可以建议采用
	手部防护设备：手套火手指套，一般无此要求，可以建议采用
	眼睛防护：安全目镜或眼镜
	皮肤及身体防护：穿工作服，经常勤洗
卫生措施：建议使用安全目镜，进食前应洗手及脸部，平时多运动，保持健康体力	
8. 物料及化学性质	
物质状态：固体	形状：连接器
颜色：多色	气味：无味
PH 值：未测定	沸点：未测定
分解温度：未测定	爆炸介限：无
自然温度：固体无	溶解度：固体无
9. 安全性及反应性	
安全性：正常状态下安全	
特殊状况下可能之危害反应：无	
应避免之状况：避免接触火源和太阳光直照射	
应避免之物质：火和酸碱性物质	
危害分解物：无	
10. 毒性资料	
急毒性	吸入：无
	皮肤接触：无
	眼睛：无
局部效应：无	特殊效应：无
11. 废弃物处理方法：废弃物可送到政府许可的废弃物处理中心进行处理	
12. 运送资料	
联合国编号：无	运输规定：并无危险分类
运送方法及注意事项：勿重压，轻拿轻放	
13. 适用法规：1.劳工安全卫生设施规划；2.危害物及有害物通讯规划；3.索尼环境通用规定；4 劳工用业环境空气中有害物容许溶度标准；5 道路交通安全规划	
14. 其他资料：	
15.法规资料	
适用法规	1.劳工安全卫生设施规则 2.RoHS 法规及有害物通识规则
16.其它资料	
参考文献	有害化学物质中文资料库，环保局
制表单位	浙江联和电子有限公司
制造商及供应商地址	浙江省温州乐清市乐清湾港区创新路8号
电话	0577-62383699
制表者	季育文
制表日期	2021-3-23

[illegible]