

# ZHEJIANG LONGFA ELECTRONICS CO., LTD.

浙江龙发电子有限公司

## SPECIFICATION

### 产 品 规 格 书

#### CUSTOMER NAME

客户名称: Changwoo Electronics Co.,LTD

#### CUSTOMER PARTS NO.

客户料号: \_\_\_\_\_

#### DESIGNATION

本厂系列: EARPHONE JACK

#### CAT. NO.

本厂型号: PJ-2420

WRTN.制定	CKD.审核	APPD.批核
Zhang Yuting	Cai Jinhai	Liu Shujun
DATE 日期: 2011.11.09	DATE 日期: 2011.11.10	DATE 日期: 2011.11.10

PLEASE CONFIRM OUR SPECIFICATION. 敬请确认规格书之内容。

PLEASE CONFIRM AND RETURN 1 COPY. 请确认后惠返(1)份。

APPROVAL STATUS 客户审批			
APPROVED 接受		FAILED 不接受	
SIGNATURE 签署 DATE 日期		SIGNATURE 签署 DATE 日期	

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## SPECIFICATION

## 产品规格书

DESIGNATION 品名: EARPHONE JACK		CAT.NO 型号: PJ-2420		EDITION 版本: 01	PAGE 页码: 2 of 5
1. RATING 额定值:				DC 30V 0.5A	
2. OPERATION TEMPERATURE RANGE 使用温度范围:				-20~+70℃	
3.PRESERVATIVE TEMPERATURE RANGE: 保存温度范围:				-40~+85℃	
4. CONSTRUCTION DIMENSION 结构尺寸:				Apply to the appended drawing: 符合附加图纸	
ITEM 项目		TEST CONDITION 测试条件		SPECIFICATION 规格	
5. ELECTRONICAL CHARACTERISTICS.电气性能.					
5A	CONTACT RESISTANCE 接触阻抗	Being measured at 1KHz small current contact resistance meter. 在 1KHZ 小电流下测量.		30mΩ max 30 毫欧以下.	
5B	INSULATION RESISTANCE 绝缘阻抗	Measurements shall be made following application of DC500V potential across terminals and across terminals and frame for 1 minute. 在端子之间和端子与壳之间加 DC 500V 条件下,持续 1 分钟测量.		100MΩ min 100 兆欧以上.	
5C	WITHSTAND VOLTAGE 耐电压	AC 500V (50Hz or 60Hz) shall be applied across terminals and across terminals and frame for one minute 在端子之间和端子与壳之间加 AC 500V(50HZ 或 60HZ)条件下,持续 1 分钟测量.		There shall be no breakdown. 无击穿现象出现.	
6. MECHANICAL CHARACTERISTICS.机械性能.					
6A	INSERTION AND EXTRACTION FORCE 插拔力	Being measure at across spring piece and across matching plug for ergometer 用测力计在插头与弹片之间进行测量.		Insertion and extraction force 3-20N 插拔力 3-20N	
6B	TERMINAL STRONGTH 端子强度	A static force of 500gf being applied in one direction on the tip of terminal for 1 minute. 一个 500 克之静负荷施加于端子顶部的一个方向持续 1 分钟。		There shall be no sign of damage mechanically and electrically. 无任何迹象显示机械及电气性能之损坏.	
7. DURABILITY.耐久性.					
7A	SOLDERING TEST. 可焊性试验	The tip of the terminals shall be dipped 2mm in the solder bath at a temperature of 235±5℃ for 3±0.5sec.端子顶部被浸入焊锡池 2mm 深,温度 235±5℃时间 3±0.5 秒。		A new uniform coating of solder shall cover a minimum of 90 of the surface being immersed.浸入的部分 90%以上表面将被锡覆盖.	
7B	RESISTANCE TO SOLDERING HEAT 耐焊接热	Soldering area:t/2 of P.C.B thickness 焊接面积: 印刷基板的 1/2 厚度处 temperature:260±10℃ Soldering time: 4±1S.焊接温度: 260±10℃, 焊接时间: 4±1 秒。		No damage (electrical and mechanical) 无异常。(电气、机械特性)	
EDITION 版 本	DATE 日 期	WRTN 制 定	CHKD 审 核	APVD 批 准	DESCRIPTIONS 备 注
A0	2009-9-9	Zhang Yuting	Cai Jinhai	Liu Shujun	

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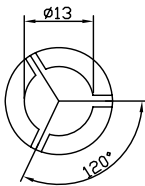
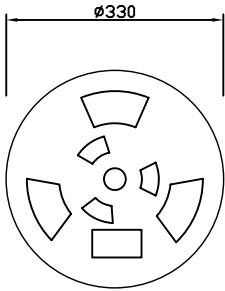
## SPECIFICATION

## 产品规格书

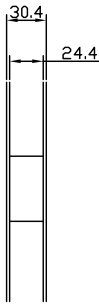
DESIGNATION 品名: EARPHONE JACK		CAT.NO 型号: PJ-2420	EDITION 版本: 01	PAGE 页码: 3 of 5	
ITEM 项目		TEST CONDITION 测试条件		SPECIFICATION 规格	
7C	LIFE TEST. 寿命试验	5,000 cycles of operation at a rate of 20-30 cycles per minute with unloading. 无负载条件下,每分钟 20-30 次的速度操作 5,000 次。		(1). Contact resistance. 40m Ω max 接触阻抗 40 毫欧以下. (2). Insertion and extraction force 30 initial value插拔力变化范围初始值 30% (3). ITEM 专案-5B (4). ITEM 专案-5C (5). ITEM 专案-6B	
7D	HEAT TEST. 耐热试验	85±2℃ for 48 hours after test keep in normal condition for 30 minutes. 在 85±2℃环境中放 48 小时,再放在正常环境中 30 分钟后进行测试。		(1). Contact resistance 50m Ω max.接触电阻 50 毫欧以下 (2). Insulation resistance. 50M Ω min. 绝缘电阻 50 兆欧以上 (3). There shall be no sign of damage mechanically and electrically. 无任何迹象显示机械及电器性能之损坏.	
7E	HUMIDITY TEST. 耐湿试验	The condition of temperature 40±2℃ and humidty 90-95% for 48 hrs. after test keep in normal condition for 30 min. 在温度 40±2℃，湿度 90-95%环境中放 48 小时,再放在正常环境中 30 分钟后进行测试。			
7F	COLD TEST. 耐冷试验	At -40±2℃ for 48 hrs. after test keep in normal condition for 30 min. 在-40±2℃环境中放 48 小时,再置于正常环境中 30 分钟后进行测试。			
7G	SALT SPRAY TEST 盐雾试验	At 5% Nacl liquid for 24 hours, after washing, keep in normal condition for 30 min. 浸入 5%的 Nacl 溶液中 48 小时，用水清洗并在室温下放置 30 分钟		Without excessive Corrosion or crack in appearance 表面无明显腐蚀或裂纹	
8. STANDARD CONDITION 试验、测定状态					
Unless otherwise specified, the test and measurements shall be carried out as follows: Ambient temperature 温度： 5-35℃ Relative humidity 相对湿度： 45~85% Air pressure 气压： 86~106kPa(860~1060mbar) However if doubt arises on the decision based on the measured values under the above-mentioned conditions, the following condition shall be employed:但在对判定产生疑义时，按下述状态实施： Ambient temperature 温度： 20±2℃ Relative humidity 相对湿度： 65±5% Air pressure 气压： 86~106kPa(860~1060mbar)					
EDITION 版 本	DATE 日 期	WRTN 制 定	CHKD 审 核	APVD 批 准	DESCRIPTIONS 备 注
A0	2009-9-9	Zhang Yuting	Cai Jinhai	Liu Shujun	



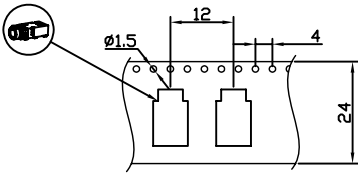
TITLE	EARPHONE JACK	SPC. NO.	PJ-2420	DWN. NO.	PG-PJ2420
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A DETAIL



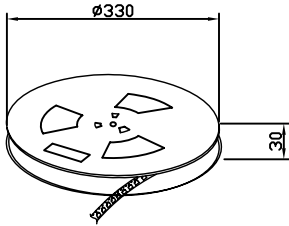
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CARRIER TAPE



COVER TAPE

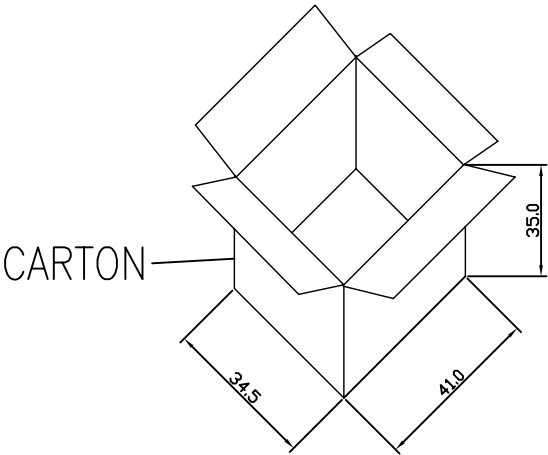


1 REEL =1000 PCS

1 BOX =1000 PCS/REEL X 24REEL  
=24000 PCS

1 Carton Dimension  
=LxWxH  
=410x350x345 (mm)

Total weight:17Kg  
Net weight:6Kg



CARTON

BOX

ISSUE	DATE	WRTN	CHKD	APVD	DESCRIPTIONS
A0	2009.09.10	XIAOHU	JINHIA	SHUJUN	