

	兴化市悦馨电子有限公司 样品承认书 <i>Specifications</i>	http://www.yuexindz.com Mail: ella_buzzer@163.com Tel: 1803-6803-068 QQ:3605785188
	地址: 江苏省兴化市陈堡镇工业园区	

客户名称 Customer Name	
品名 Rariety	压电式无源蜂鸣器
型号 Ppart No	YX-WY12055B
样品日期 Model Date	

客户承认签署

签定结果:		
核准/Approved:	审核/Checked:	经办/Designed:

供应商确认签署

核准/Approved:	审核/Checked:	经办/Designed:
		张爱琴

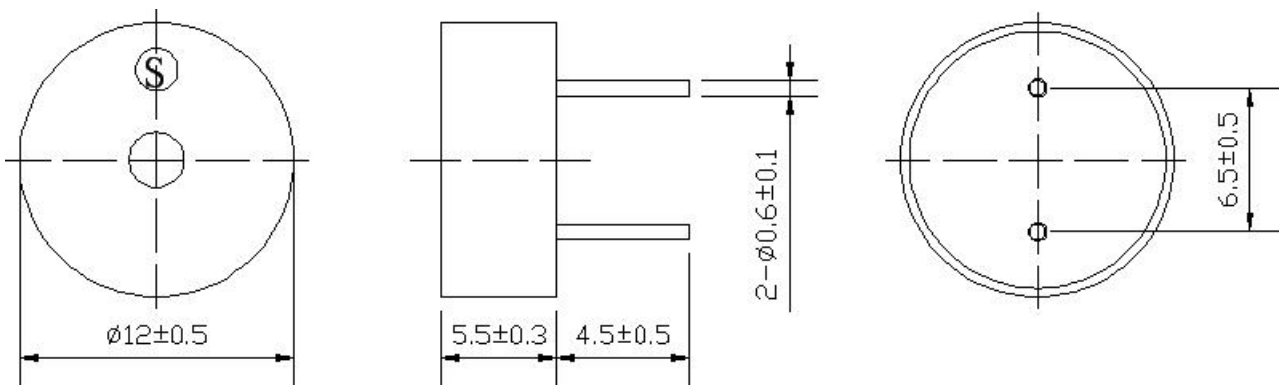
【 承认后请签回一份! *Thank you very much!* 】

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Product: piezoelectric Buzzers		Part No: YX-WY12055B		
Technical Terms				
Resonant Frequency (KHZ)		4.0±0.5		
Rated Voltage (V_{P-P})		5		
Operating Voltage (V_{P-P})		1~30		
Max. Current Consumption at Rated Voltage (mA)		3		
Capacitance at 1000Hz (NF)		10±30%		
Min. Sound Output at 10cm at Rated Voltage (dB)		80		
Operating Temperature (°C)		-20~+60		
Storage Temperature (°C)		-30~+70		
Buzzer		Soldering Parameter		
Soldering process		Temp.(°C)	Time(Sec.)	Times
Inclusive Lead	Reflow soldering	230±10	above 170°C time 40~70	2
	Wave soldering	245±5	3~6	1~2
	Manual soldering	330±10	1~2	1~2
Lead Free	Reflow soldering	245±15	above 180°C time 40~70	3
	Wave soldering	260±5	4~8	2~3
	★ Manual soldering	350±10	1~3	2~3

Remark: ★ Instance Soldering Process

APPEARANCE DRAWING Tol : ± 0.5 Unit: mm



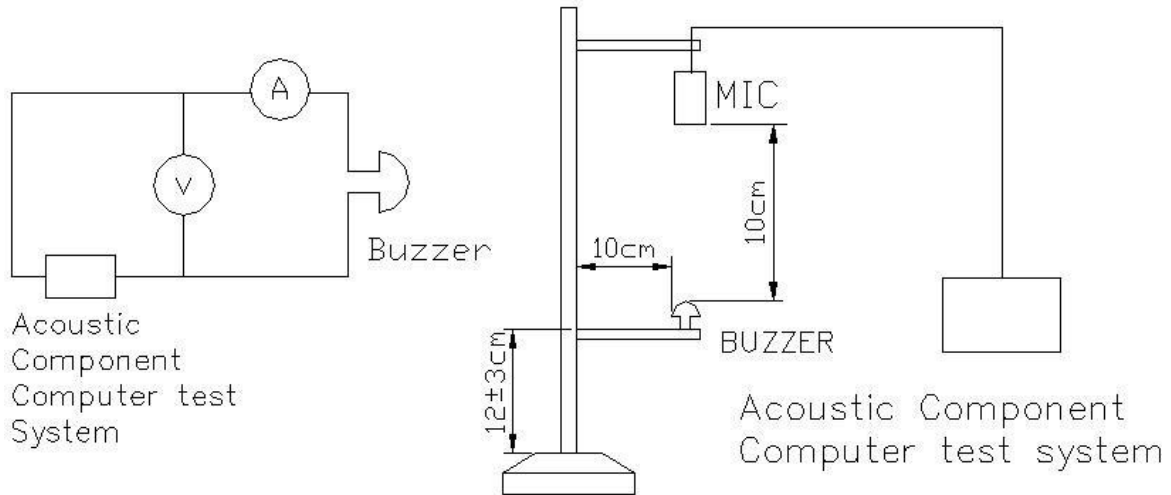


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测试方法 TEST METHOD



频响曲线 FREQUENCY RESPONSE

02/22/2012 17:58 CRY6125F 蜂鸣器测试仪 U91 无框 滤波器1次

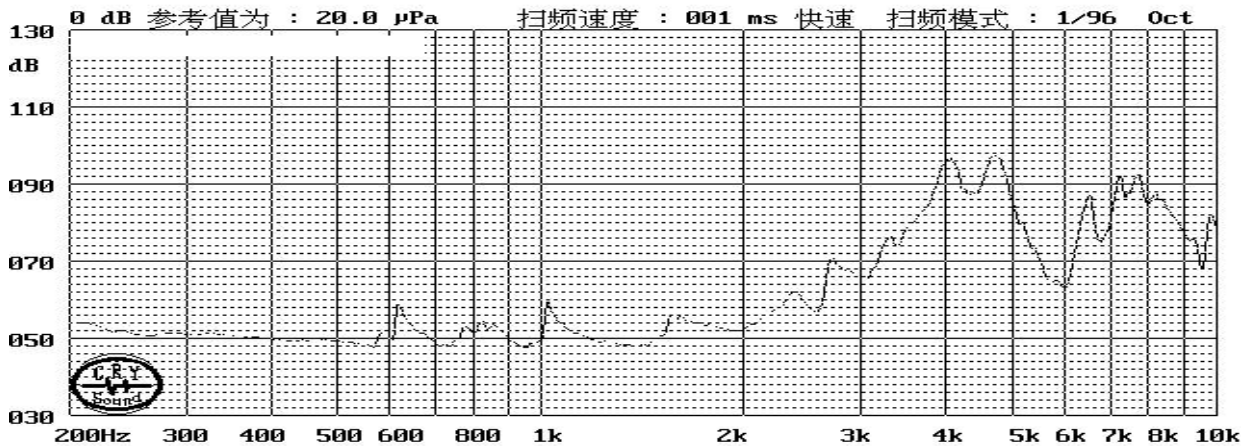
型号: PE-1440-T2

Fc= 4000 Hz 095.66 dB

方波

电压: 3000 mV

Fo= 4709 Hz 097.47 dB





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型号 Part No: YX-WY12055B

可靠性测试 RELIABLY TEST

NO	项目 ITEM	测试条件 TESTING CONDITION	试验后要求 VARIANCE AFTER TEST
1	湿热 Humidity	蜂鸣器置于温度在 $50 \pm 5^\circ\text{C}$, 相对湿度在 $93\% - 3\% \sim 93\% + 2\%$ 中, 保持 96 小时后, 试验后在常温下恢复 2 小时测试	测试后性能指标应满足承认书要求 All specifications must be satisfied after the test.
		$50 \pm 5^\circ\text{C}$, $93(+2/-3)\%RH$, 96HRS	
2	高温测试 High temp.	蜂鸣器放置在 $+80 \pm 2^\circ\text{C}$ 中, 96 小时后测试性能指标	
		$+80 \pm 2^\circ\text{C}$, 96HRS	
3	低温测试 Low temp.	将蜂鸣器放置在 $-30 \pm 2^\circ\text{C}$ 中, 96 小时后测试性能指标	
		$-30 \pm 2^\circ\text{C}$, 96HRS	
4	温度循环测试 Temperature Cycling	蜂鸣器在 -30°C 暴露 30min, 在 80°C 暴露 30min, 五次循环后, 试验后在常温下恢复 2 小时	
		$-30 \pm 2^\circ\text{C}$, 30minutes room temp. 15 minutes $+80 \pm 2^\circ\text{C}$, 30 minutes room temp. 15 minutes 5 cycles	
5	跌落 Drop test	将蜂鸣器放置在水平位置, 从 700mm 高度自由跌落到 10mm 硬木版上, 跌落 3 次后, 检查外观并测量电性能	
		3 times from height of 70cm onto the surface of 10mm thick wooden board.	
6	振动 Vibration test	将蜂鸣器置于 10~55Hz、振幅在 1.0mm、X Y Z 轴线方向上振动 0.5 小时	
		Make the test for the directions of X Y and Z (total 0.5 hours). To-and-fro. sweep time (from 10 to 55 Hz and then from 55 to 10Hz) under single amplitude of 1.0mm is 1 minute.	
7	焊锡耐热性 Solder heat resistance	将产品针脚放置在 $250 \pm 10^\circ\text{C}$ 的锡炉里, 持续 30 秒	测试后产品外形尺寸和性能指标应满足承认书要求
		The part leads (pins) shall be immersed in molten solder maintained at $250 \pm 10^\circ\text{C}$ for a period of 30 seconds.	After the test part shall meet specifications without any degradation in appearance and performance.