



兴化市悦馨电子有限公司
样品承认书
Specifications

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地址: 江苏省兴化市陈堡镇工业园区

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客户名称 Customer Name	
品名 Description	magnetic buzzer (within circuit)
型号 Part No	YX-FT12095
客户编号 Customer P/N	YHE12-12 ST

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:
王明娟	时卫玲	朱素平



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【 承认后请签回一份! *Thank you very much!* 】

Part No: YX-FT12095

性能参数 Electrical Characteristics

Rated Voltage(VDC)	3	5	12	24
Operating Voltage (VDC)	2-5	4-8	8-15	20-36
*Rated Current (m A)	≤30	≤30	≤30	≤30
*Sound Output at 10cm (dB)	≥80	≥80	≥85	≥90
Resonant Frequency (Hz)	2400±300			
Tone	Continuous			
Operating Temperature (°C)	-30~+85			
Storage Temperature (°C)	-40~+85			
Weight (g)	2.0			
Material	PPO			

Environmental Protection Regulation

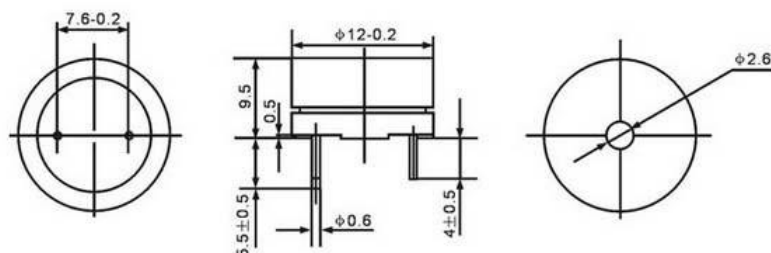
RoHS

带*号指标需要在额定电压下测试 *Applying rated voltage

外观尺寸 Appearance Drawing

(单位: 毫米) (UNIT: mm)

未标注公差尺寸按±0.5mm Tolerance: ±0.5mm Except Specified





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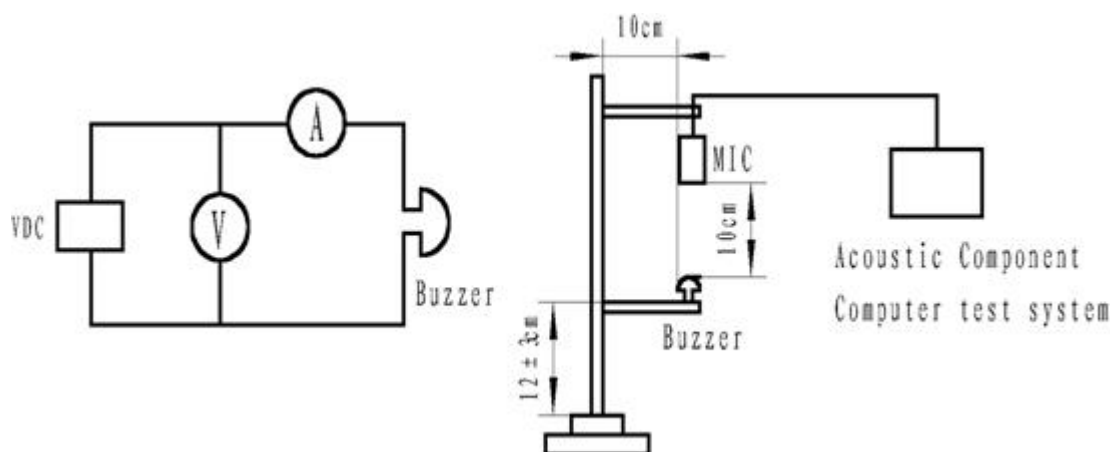
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Part No: YX-FT12095

测试方法 TESTING METHOD



频响曲线 FREQUENCY RESPONSE



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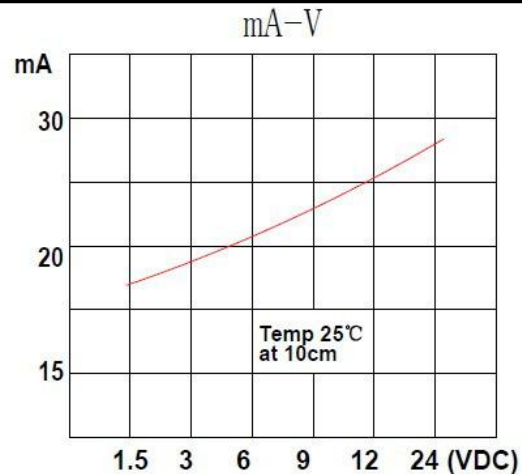
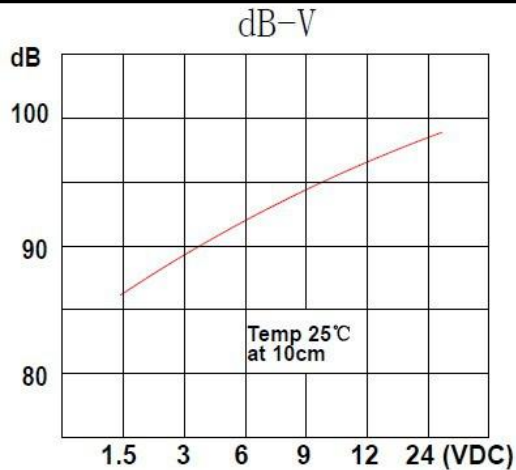
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Part No: YX-FT12095

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	湿热试验 Humidity	蜂鸣器置于温度 $40 \pm 2^\circ\text{C}$, 湿度 $93(+2/-3)\%RH$ 试验箱中, 96 小时后, 常温下 2 小时后测试 ----- $40 \pm 2^\circ\text{C}$, $93(+2/-3)\%RH$, 96HRS	After test(1~8item), the Buzzer S.P.L . difference shall be within $\pm 10\text{dB}$, Frequency difference shall be within $\pm 0.5\text{KHz}$. and the appearance not exist any change to be harmful to normal operation(e.g. cracks, rusts, damages and especially distortion).
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	



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		<p>-30±2℃, 30minutes room temp. 15 minutes +80±2℃, 30 minutes room temp. 15 minutes</p> <p>5 cycles</p>	<p>在 1-8 项试验后，蜂鸣器的声压变化值在± 10dB 之内，频率变化在± 0.5KHZ 之内。外观无变化（例如：开裂、生锈、损伤、变形等现象）。</p>
5	<p>跌落测试 Drop test</p>	<p>跌落高度 80cm，6 个不同方向整箱跌落到水泥地，试验后进行测试</p> <p>packed in cartons dropped in 6 directions from height of 80cm to the concrete floor</p>	
6	<p>振动测试 Vibration test</p>	<p>将蜂鸣器置于 10~30Hz、振幅在 1.5mm、X Y Z 轴线方向上振动 2 小时后测试</p> <p>test from the directions of X Y Z for 2 hours</p> <p>To-and-fro. sweep time (from 10 to 30Hz and then from 30 to 10Hz) under single amplitude of 1.5mm is 1 minute.</p>	
7	<p>焊锡耐热性测试 Solder heat resistance</p>	<p>插针浸入松香 5 秒，然后再浸入+260± 5° C 的锡炉中 3± 0.5 秒，插针表面应覆盖一层光滑明亮的焊料。</p> <p>Lead terminals are immersed in rosin for 5 seconds and then immersed in solder bath of +260± 5° C for 3± 0.5 seconds.</p>	
8	<p>Terminal Strength Pulling 插针强度测试</p>	<p>插针应承受 9.8N 拉力，拉力时间 10 秒，插针无松动和脱落等现象</p> <p>The force 10 seconds of 9.8N is applied to each terminal in axial direction</p>	

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