

	<p>兴化市悦馨电子有限公司</p> <p>样品承认书</p> <p><i>Specifications</i></p>	<p>http://www.xhyxdz.com</p> <p>Tel: +86-523-83722059</p> <p>Fax: +86-523-83722259</p>
	<p>地址: 江苏省兴化市陈堡镇工业园区</p>	<p>页码 PAGE: 1/4</p>

<p>客户名称</p> <p>Customer Name</p>	
<p>品 名</p> <p>Rariety</p>	<p>SMD BUZZER</p>
<p>型 号</p> <p>Part No</p>	<p>YX-SMD5030</p>
<p>日期</p> <p>Sample Date</p>	

客户承认签署

<p>签定结果:</p>		
<p>核准/<i>Approved:</i></p>	<p>审核/<i>Checked:</i></p>	<p>经办/<i>Designed:</i></p>

供应商确认签署

<p>核准</p> <p><i>/Approved:</i></p>	<p>审核/<i>Checked:</i></p>	<p>经办</p> <p><i>/Designed:</i></p>
<p>戴宏祥</p>	<p>时卫玲</p>	<p>王继勇</p>

【 承认后请签回一份! *Thank you very much!* 】



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Part No: YX-SMD5030

性能参数 Electrical Characteristics

Model No.	Unit	YX5030
Rated Voltage	Vo-p	3
Operating Voltage	Vo-p	2~4
Rated Current	mA	≤100
Min. Sound Output at 10cm	dB	≥75
Coil Resistance	Ω	12±3
Resonant Frequency	Hz	4000
Operating Temperature	℃	-30~+70
Storage Temperature	℃	-40~+85
Weight(MAX)	gram	0.6
Environmental Protection Regulation		RoHS

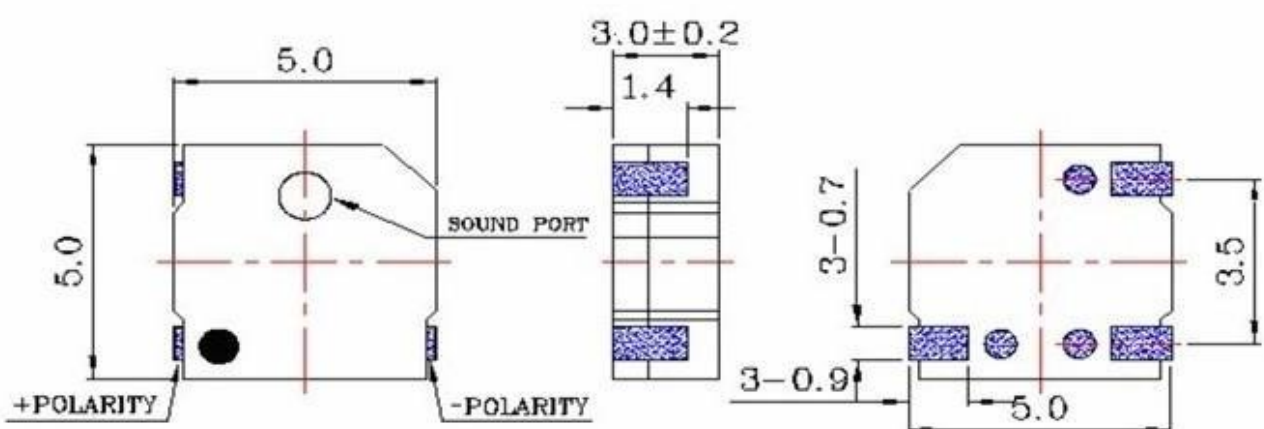
Environmental Protection Regulation

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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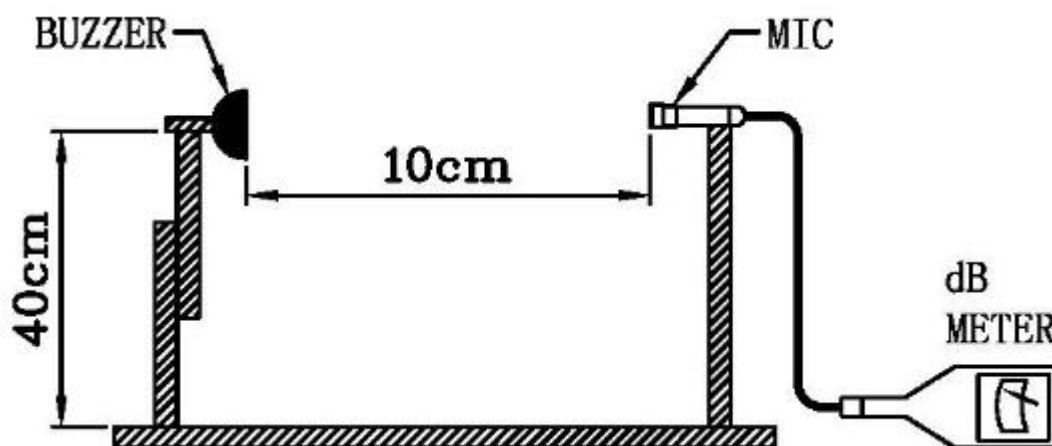
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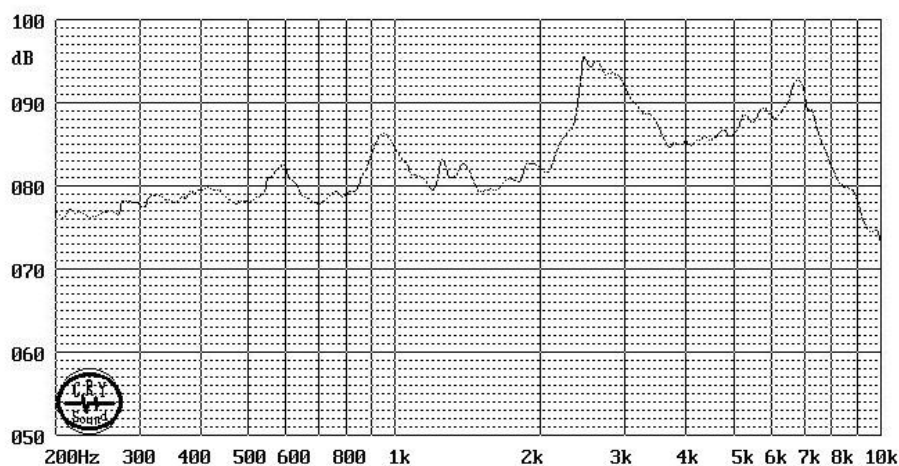
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Part No: YX-SMD5030

测试方法 TESTING METHOD



频响曲线 FREQUENCY RESPONSE





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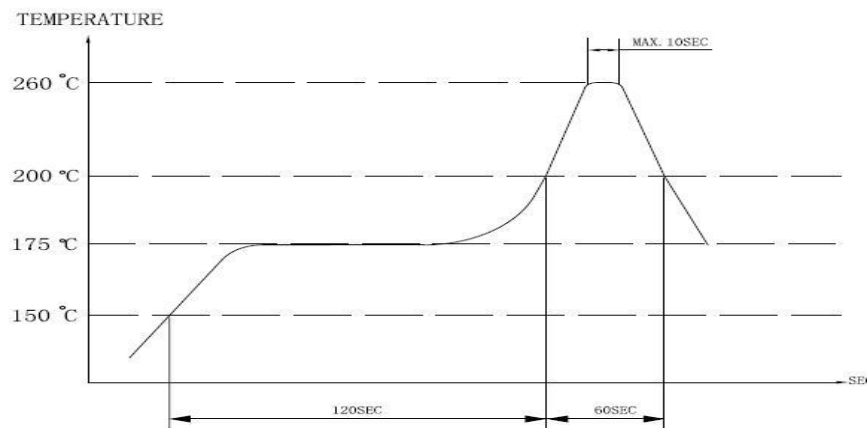
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Part No: YX-SMD5030

焊接条件 SOLDERING CONDITION

(1)Recommendable reflow soldering condition is as follows (Reflow soldering is twice)

Note: It is requested that reflow soldering should be executed after heat of product goes down to normal.



Heat resistant line

Used when heat resistant reliability test is performed

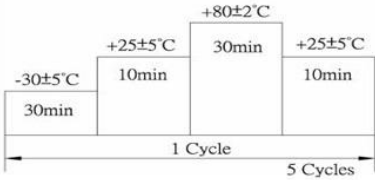
(2)Manual soldering

Manual soldering temperature 350°C within 5 sec

机械特性MECHANICAL CHARACTERISTICS

NO.	item	Test Condition	Evaluation standard
1	Solder ability	Lead terminals are immersed in rosin for 5 seconds and then immersed in solder bath of +270±5 for 3±1 seconds.	90% min. lead terminals shall be wet with solder. (Except the edge of terminal)
2	Soldering Heat Resistance	Lead terminal are immersed up to 1.5mm from sounder's body in solder bath of +300±5 for 3±0.5 seconds or +260±5 for 10±1 seconds	No interference in operation
3	Terminal Mechanical Strength	The force 10 seconds of 9.8N (1.0kg) is applied to each terminal in axial direction.	No damage and cutting off
4	Vibration	Buzzer shall be measured after being applied vibration of amplitude of 0.75mm with 10 to 55hz band of vibration frequency to each of 3per-pendicular directions for 0.5 hours.	The value of oscillation frequency/ current consumption should be in 10% compared with initial ones .The SPL should be in ± 10dB compared with initial one.
5	Drop test	The part only shall be dropped from a height of 70cm onto a 10mm thick wooden board 3 times in 3 axes (X.Y.Z). (a total of 9 times).	

环境试验ENVIRONMENT TEST

NO.	item	Test Condition	Evaluation standard
1	High temp. test	After being placed in a chamber at +80 for 96 hours	Being placed for 4 hours at +25 , buzzer shall be measured. The value of oscillation frequency/ current consumption should be in ± 10% compared with initial ones .The SPL should be in ±10dB compared with initial one.
2	Low temp. test	After being placed in a chamber with -30 for 96 hours	
3	Humidity test	After being placed in a chamber at +40 and 90 5% relative humidity for 96 hours	
4	Temp. cycle test	<div>The part shall be subjected to 5 cycles. One cycle shall be consist of: </div>	