

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

客户名称 Customer Name	
品 名 Rariety	SMD BUZZER
型 号 Part No	YX-SMD7525
日期 Sample Date	

客户承认签署

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

供应商确认签署

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

【 承认后请签回一份! *Thank you very much!* 】



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Part No: YX-SMD7525

性能参数 Electrical Characteristics

Model No.	Unit	YX - SMD7525
Rated Voltage	Vo-p	3
Operating Voltage	Vo-p	2-4
Rated Current	mA	90 at Rated Voltage
Min. Sound Output at 10cm	dB	80 dB
Coil Resistance	Ω	16 ± 2
Resonant Frequency	Hz	2730
Operating Temperature	$^{\circ}\text{C}$	-30~+60
Storage Temperature	$^{\circ}\text{C}$	-30~+80
Weight(MAX)	gram	0.6
Material		LCP
ROHS		YES
Storage life	month	6 months preservation at room temp.

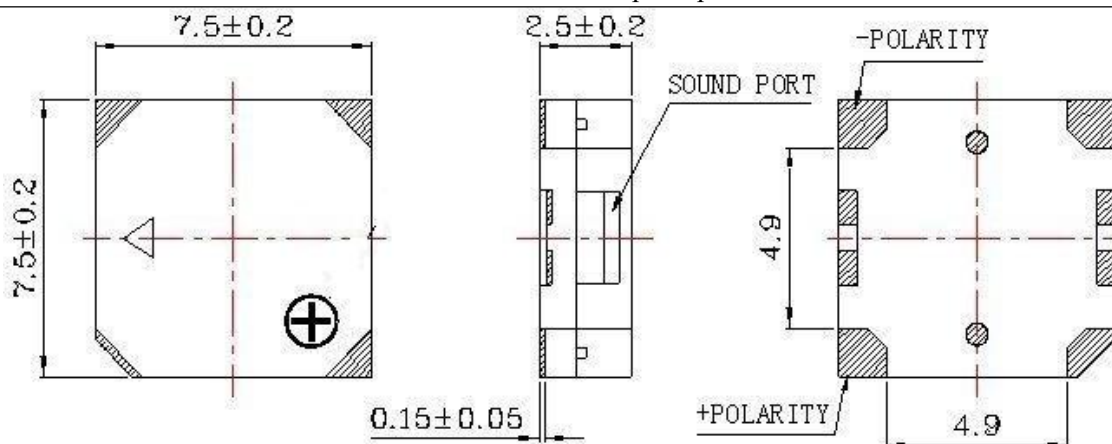
Environmental Protection Regulation

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)

未标注公差的尺寸按 $\pm 0.5\text{mm}$ Tolerance: $\pm 0.5\text{mm}$ Except Specified





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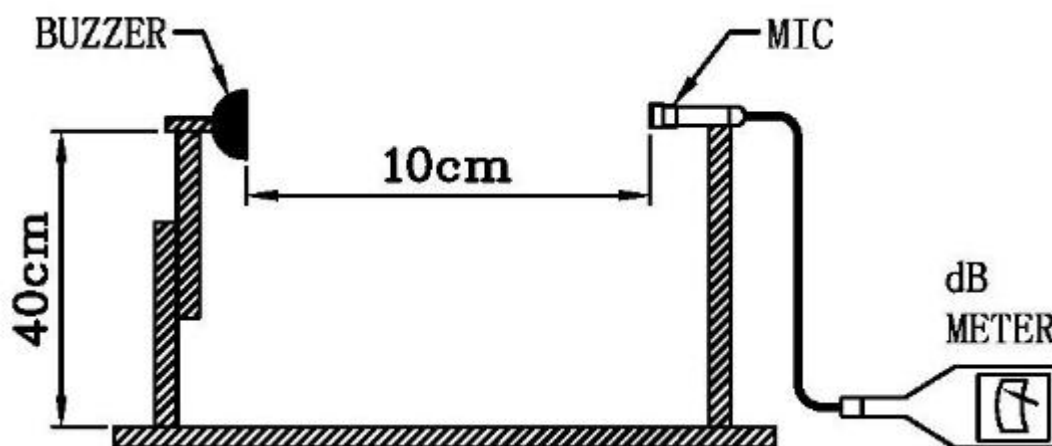
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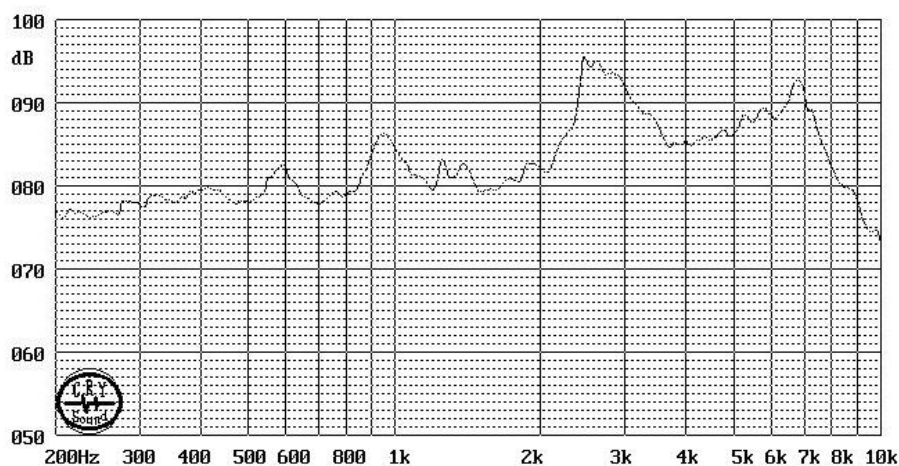
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Part No: YX-SMD7525

测试方法 TESTING METHOD



频响曲线 FREQUENCY RESPONSE





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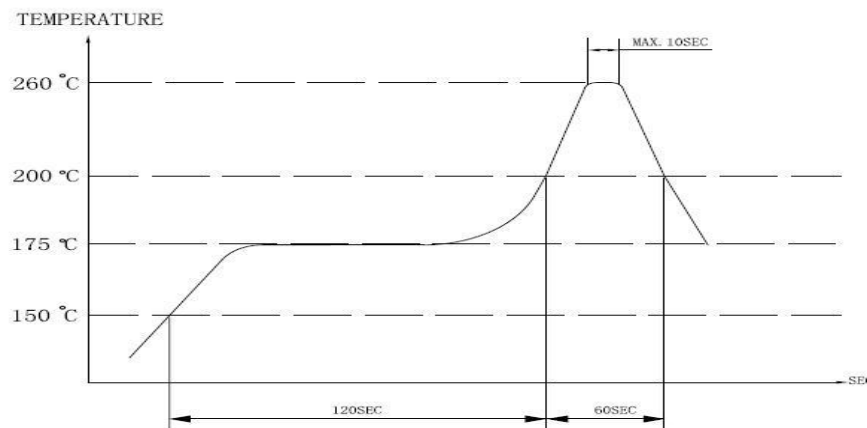
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Part No: YX-SMD7525

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	The part shall be subjected to 5 cycles. One cycle shall be consist of: 