



深圳市兴华鑫电子科技有限公司

Shenzhen xinghuaxin Electronic Technology Co., Ltd

承認書

SPECIFICATION FOR APPROVAL

客戶 (Customer):

客戶料號 (Customer P/N):

興華鑫型號 (Supplier P/N):

XHxDZ-SMD9650-5V 有源

產品名稱 (Description):

蜂鸣器 (Buzzer)

產品規格 (Specification):

SMD-9.6*9*6*5.0MM

客戶承認欄 (Customer Authorization Signature)	深圳市興華鑫電子科技有限公司 承認欄 (Supplier Audit)		
	審核	檢查	制作
	唐国兴	唐玉来	吴银娟
	日期: 2022 年 04 月 19 日 版次: A		

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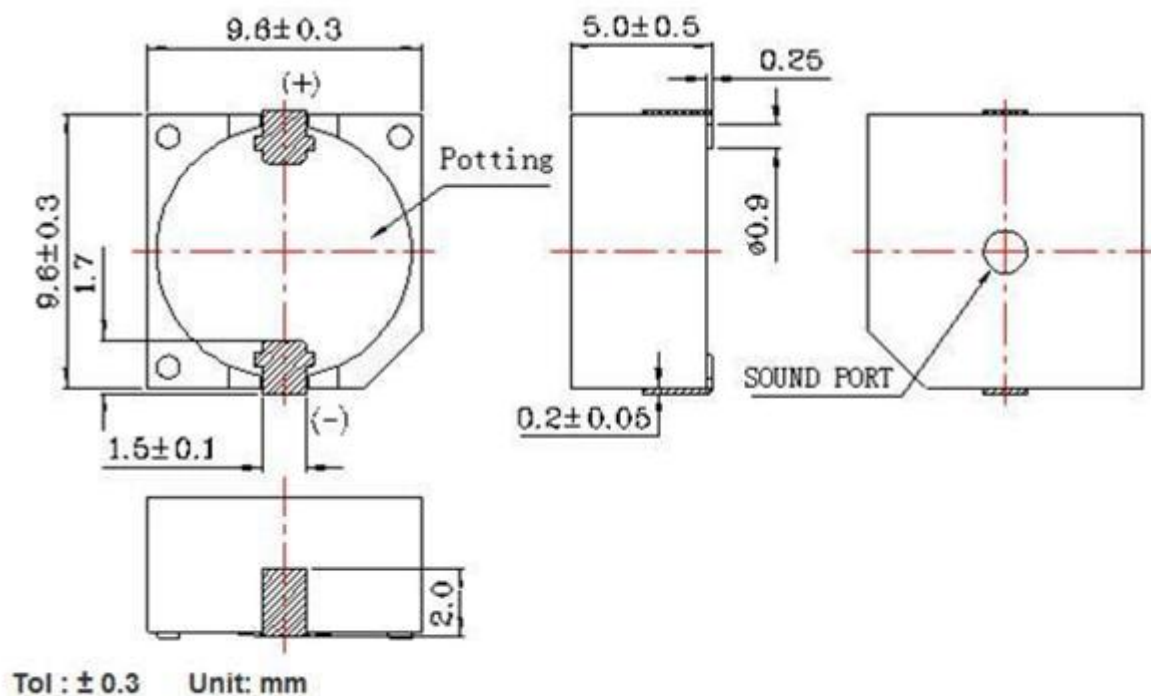
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产品规格内容

1. SPECIFICATION 规格

No.	Item	Unit	Specification	Condition
1	Oscillation Frequency	Hz	3000	
2	Operating Voltage	VDC	4 ~ 7	
3	Rated Voltage	VDC	5	
4	Current Consumption	mA	MAX. 30	at Rated Voltage
5	Sound Pressure Level	dB	MIN. 80	at 10cm at Rated Voltage
6	Operating Temperature	℃	-20 ~ +70	
7	Storage Temperature	℃	-30 ~ +85	
8	Dimension	mm	9.6x 9.6x H5.0	See appearance drawing
9	Weight (MAX)	gram	2	
10	Housing Material		PPS(Black)	
11	Leading Pin		Tin Plated Brass(Au)	See appearance drawing
12	Environmental Protection Regulation		RoHS	

2. APPEARANCE DRAWING 尺寸图



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产品规格内容

3.TESTING METHOD 测量方式

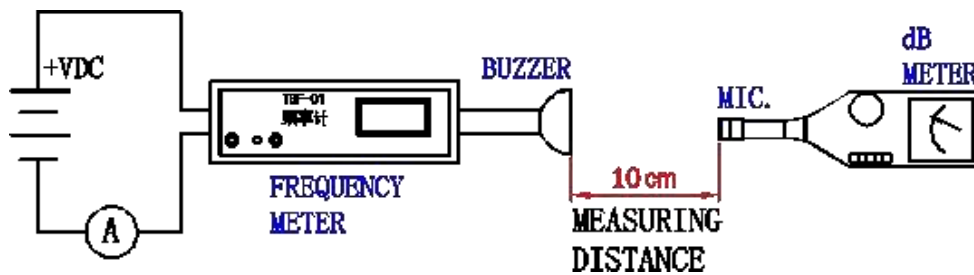
Standard Measurement conditions

Temperature: $25 \pm 2^\circ\text{C}$ Humidity: 45-65%

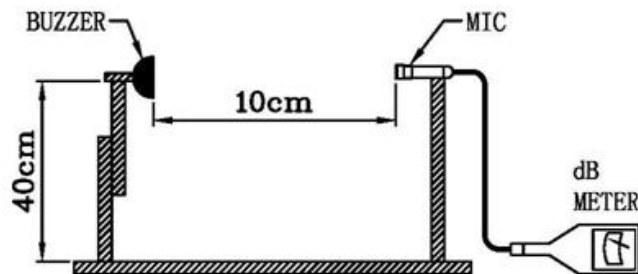
Acoustic

The oscillation frequency, current consumption and sound pressure are measured by the measuring instruments shown below

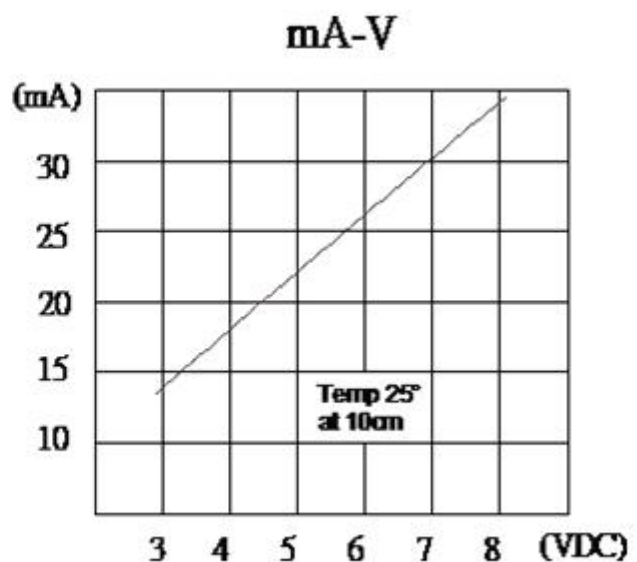
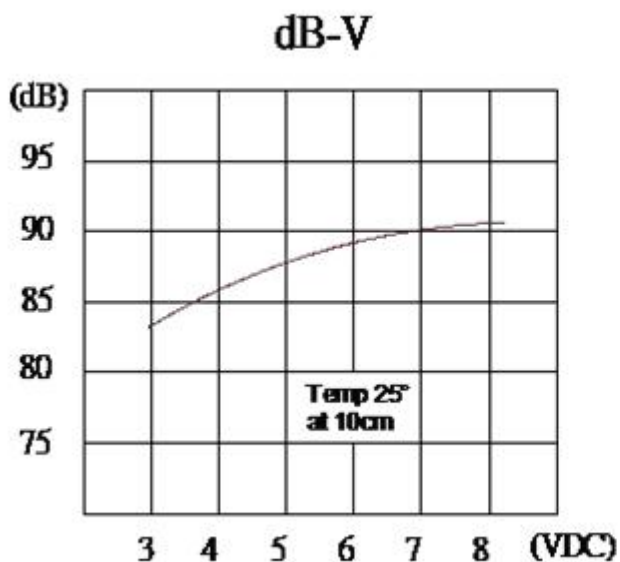
Characteristics:



In the measuring test, buzzer is placed as follows:



4.VOLTAGE/ CURRENT/ SOUND PRESSURE CHARACTERISTICS



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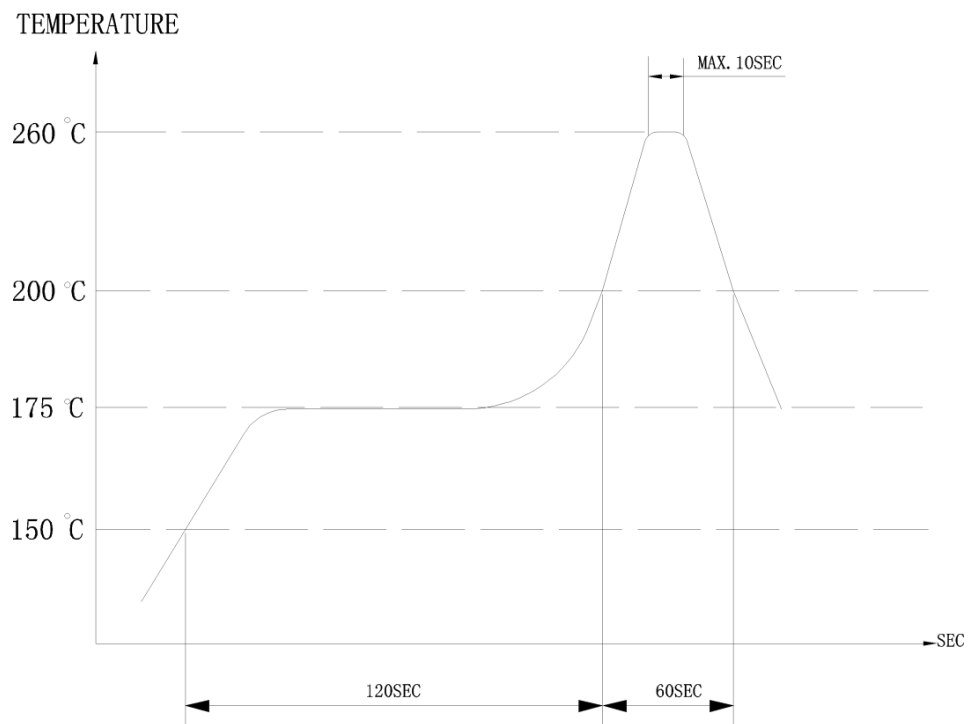
产品规格内容

5.Soldering Condition

(1) Recommendablereflowsolderingconditionis as follows

(Reflowsolderingis twice)

Note:Itis requestedthatreflowsolderingshouldbeexecuted
afterheatof productgoesdownto normal.



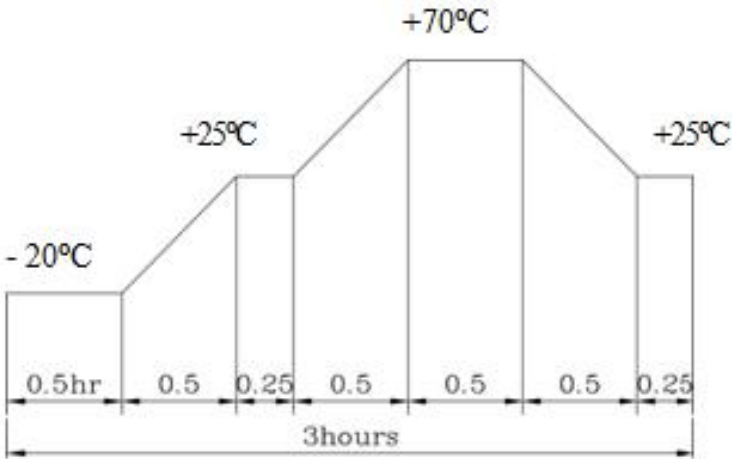
Heat resistant line (Usedwhenheatresistantreliabilitytestis
performed) (2)Manualsoldering

Manual soldering temperature 350 °C within 5 sec.

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产品规格内容

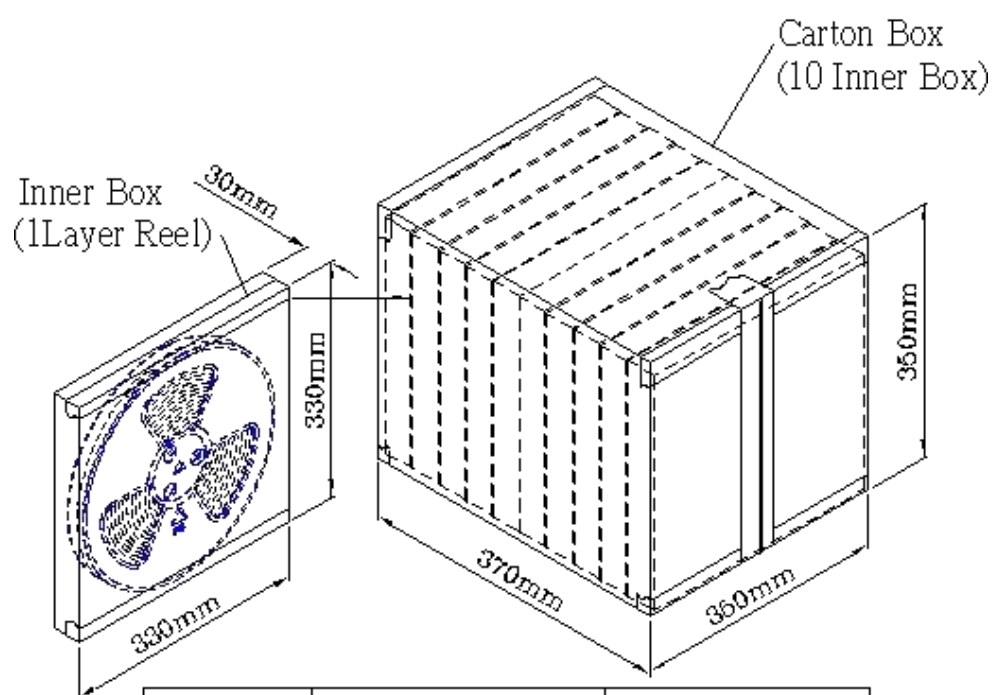
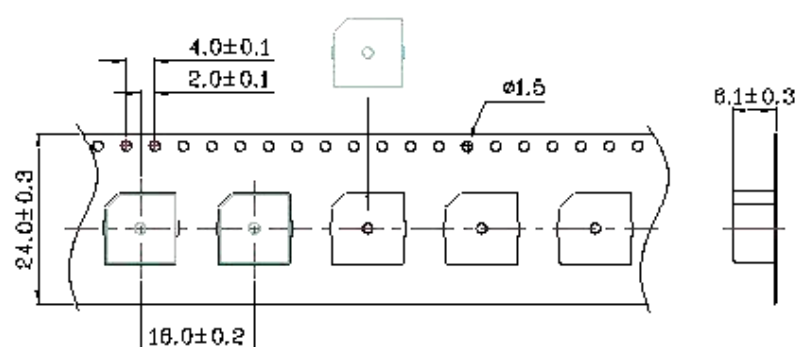
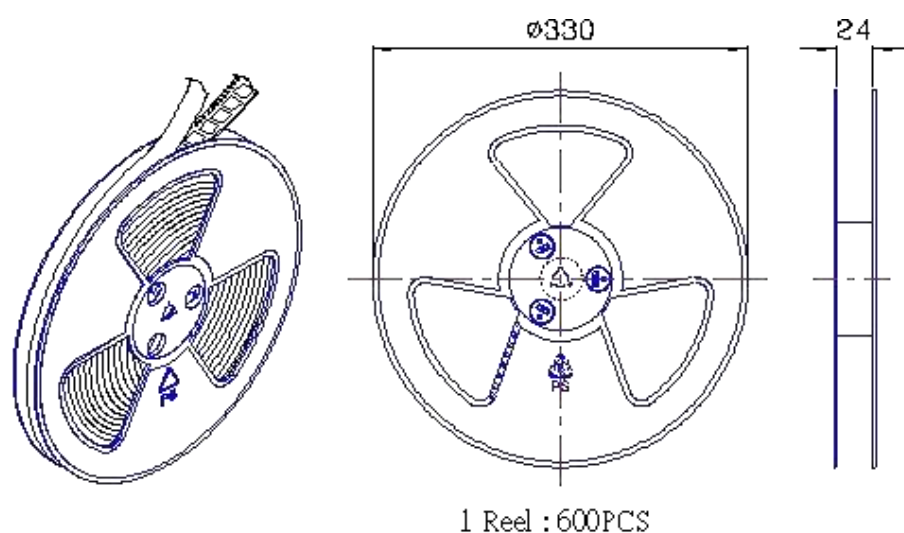
6.RELIABILITYTEST 可靠性测试

NO.	ITEM	TEST CONDITION AND REQUIREMENT
1	High Temperature Test (Storage)	Afterbeingplacedina chamberwith80 °Cfor96 hoursandthen beingplacedinnormalconditionfor2 hours. Allowablevariationof SPLaftertest: 10dB.
2	Low Temperature Test (Storage)	AfterbeingPlacedina chamberwith-30 °Cfor96 hoursandthen beingplacedinnormalconditionfor2 hours. Allowablevariationof SPLaftertest: 10dB.
3	Humidity Test	AfterbeingPlacedina chamberwith90-95%R.H.at40 °C for96 hoursandthenbeingplacedinnormalconditionfor2 hours. Allowablevariationof SPLaftertest: 10dB.
4	Temperature Cycle Test	The part shall be subjected to 5 cycles. One cycle shall be consist of:  Allowablevariationof SPLaftertest: 10dB.
5	Drop Test	Dropona hardwoodboardof 4cmthick,anydirections,6 times, at theheightof 75cm. Allowablevariationof SPLaftertest: 10dB.
6	Vibration Test	Afterbeingappliedvibrationofamplitudeof 1.5mmwith 10 to 55 Hz band of vibration frequency to each of 3 perpendicular directions for 2hours . Allowablevariationof SPLaftertest: 10dB.
7	Solderability Test	Lead terminals are immersed in rosin for 5 seconds and then immersedinsolderbathof+300 °Cfor3 1seconds . 90% min. leadterminalsshallbewetwithsolder (Excepttheedgeofterminals).
8	Terminal Strength Pulling Test	Theforceof 9.8N(1.0kg) isappliedtoeachterminalinaxialdirectionfor 10 seconds. No visible damage and cutting off.

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产品规格内容

7.PACKINGSTANDARD 包装



Inner Box	330mmx330mmx30mm	1x600PCS=600PCS
Carton Box	350mmx350mmx370mm	10x600PCS=6,000PCS