

SPECIFICATION FOR APPROVAL

承认书

Customer (客户) : _____

Product Name (产品名称) : _____ 电磁无源蜂鸣器 _____

Zhenmei Part No. (臻美型号): _____ MIMS8503S2736A _____

Specification (臻美规格) : _____ 8.5*3.0 _____

Customer's Model No. (客户型号): _____

Specification No. (规格书编号): _____ SQ-PE-16031801A1 _____

Number of the edition (版本号) : _____ A1 _____

CUSTOMER'S APPROVED SIGNATURE 客户承认盖章		



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Approved by 核准	Checked by 审核	Issued by 制成

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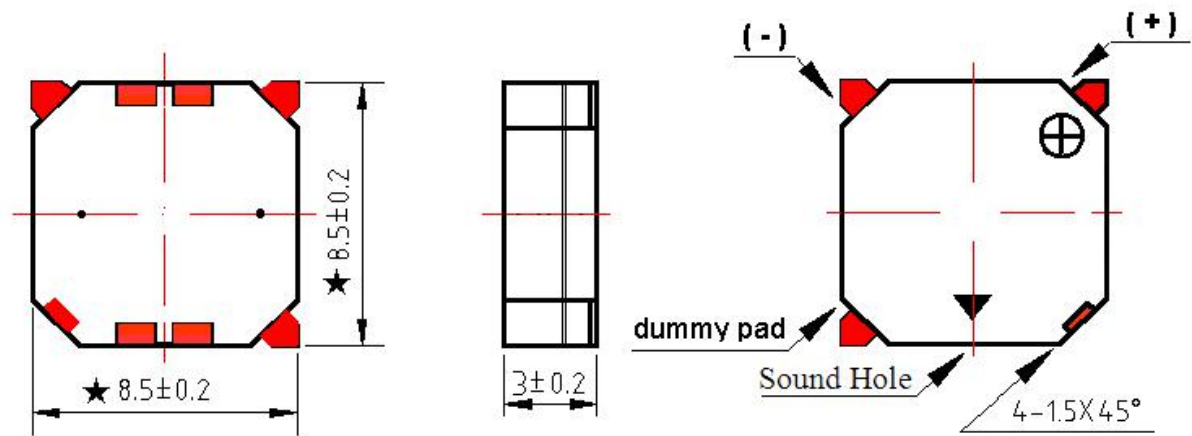
PART . NO.
产品型号

MMIMS8503S2736A

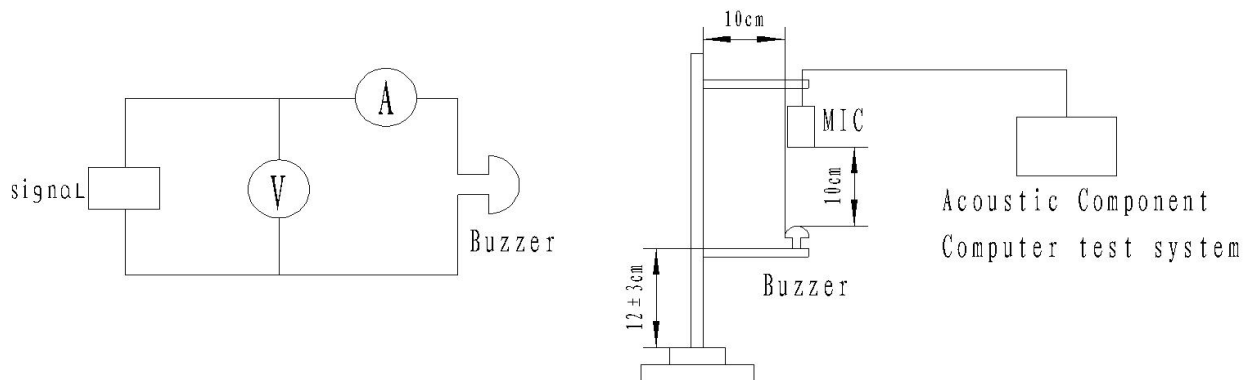
SPECIFICATION

1	Rated Voltage (Vo-p)	3.6
2	Operating Voltage(Vo-p)	2~5
3	Coil Resistance (Ω)	16 \pm 3
4	Resonant Frequency (Hz)	2731
5	Sound Output at 10cm (dB)	\geq 85
6	Current Consumption (mA)	\leq 80
7	Operating Temperature ($^{\circ}$ C)	-30~+70
8	Storage Temperature ($^{\circ}$ C)	-40~+80

DIMENSIONS: Unit: mm



TEST METHOD:



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RELIABLY TEST:

NO.	ITEM	TESTING CONDITION	VARIANCE AFTER TEST
1	High temp.	The part shall be capable of withstanding a storage temperature is +85°C for 96 hours	After the test the part shall meet specifications without any degradation in appearance and performance except SPL shall be initial value $\pm 10\text{dB}$ or more.
2	Low temp.	The part shall be capable of withstanding a storage temperature is -40°C for 96 hours	
3	Temp. Cycle	Total 5 cycles, 1 cycle consisting of -40 \pm 2°C, 30 minutes 20 \pm 5°C 15 minutes 85 \pm 2°C, 30 minutes 20 \pm 5°C 15 minutes	
4	Humidity Test	40 \pm 2°C, 90~95% RH, 96 hours	
5	Vibration Test	The part shall be subjected to a vibration cycle is 10Hz in a period of 1 minute. Total peak amplitude shall be 1.52mm(9.3g). The vibration test shall consist of 2 hours per plane in each three mutually perpendicular planes for a total time of 6 hours.	
6	Shock	Sounder shall be measured after being applied shock for each three mutually perpendicular directions to each of 3 times by half sine wave.	
7	Drop Test	Dropped naturally from 700mm height onto the surface of 10mm thick wooden board. 2 directions-upper and side of the part are to be applied.	

Remark: ★ Instance Soldering Process

Buzzer Soldering process			Soldering Parameter		
			Temp.(°C)	Time(Sec.)	Times
Inclusive Lead		Wave soldering	245 \pm 5	3~6	1~2
		Manual soldering	330 \pm 10	1~2	1~2
Lead Free		Wave soldering	260 \pm 5	4~8	2~3
	★	Manual soldering	350 \pm 10	1~3	2~3

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SAMPLE TEST REPORT:

SPE.	SPL(dB)	Res(Ω)	I(mA)	Important Dimensions:mm			
	≥ 85	16 \pm 3	≤ 80	8.5 \pm 0.2	3.0 \pm 0.2		
1	91	14.2	65.3	8.56	3.01		
2	90	14.6	65.2	8.51	3.03		
3	91	14.0	66.4	8.52	3.05		
4	90	14.6	65.3	8.58	3.03		
5	91	14.0	65.2	8.51	3.02		
6	90	14.5	65.3	8.53	3.06		
7	91	14.6	65.6	8.51	3.04		
8	91.8	14.0	65.2	8.52	3.04		
9	90	14.5	65.0	8.52	3.02		
10	91	14.0	65.5	8.53	3.05		
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
AVE.	90.5	14.4	65.5	8.54	3.03		
MAX.	91.8	14.6	66.4	8.58	3.06		
MIN.	90.0	14.0	65.0	8.51	3.01		
Remark:							
Conclusion:	Pass(<input checked="" type="checkbox"/>)			Fail(<input type="checkbox"/>)			