

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): _____ MIMS9032S2736A

Specification (臻美规格) : _____ 9.0*3.2

Customer' s Model No. (客户型号): _____

Specification No. (规格书编号): _____ SQ-PE-17011201A1

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.

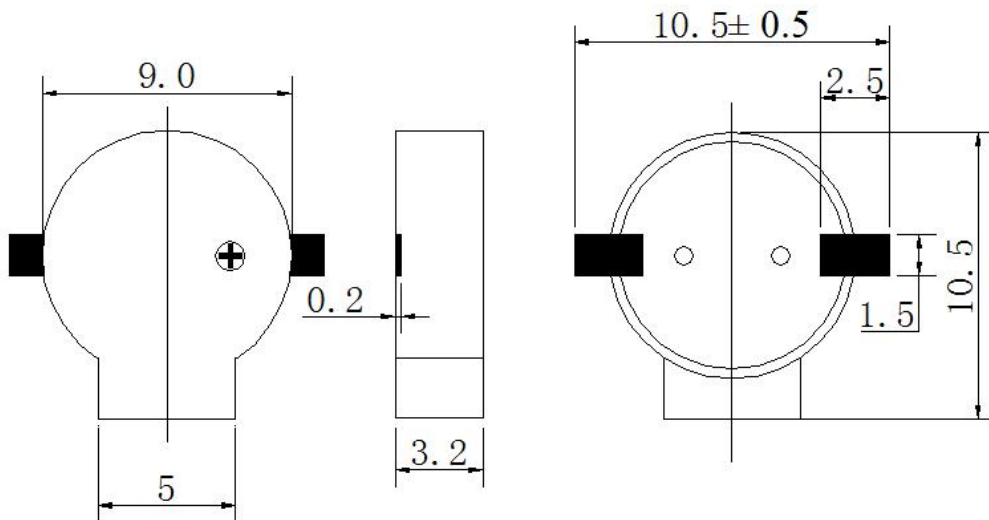
产品型号

MIMS9032S2736A

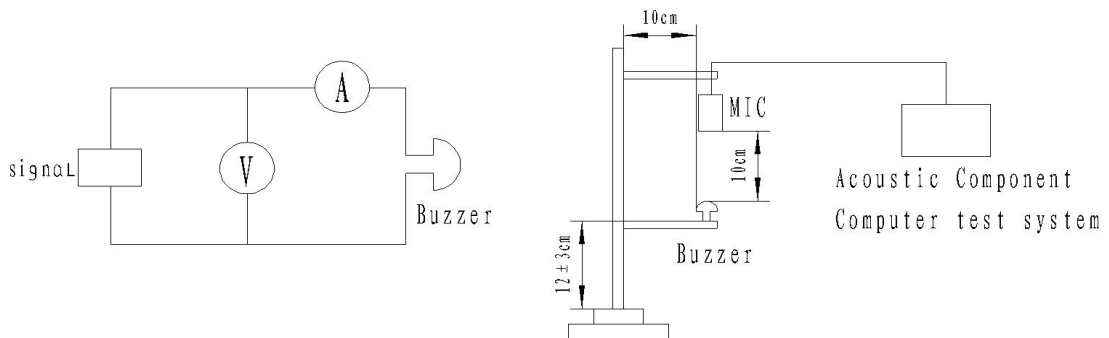
SPECIFICATION

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~+85

DIMENSIONS: Unit: mm (\pm 0.3)



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 ± 10dB 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±2°C, 30 minutes 20±5°C 15 minutes 85±2°C, 30 minutes 20±5°C 15 minutes	
4	Humidity Test	40±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±5	3~6	1~2
		Manual soldering	330±10	1~2	1~2
Lead Free		Wave soldering	260±5	4~8	2~3
	★	Manual soldering	350±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	9.0 \pm 0.3	3.2 \pm 0.3		
1	94	15.5	75.3	9.06	3.21		
2	94	15.6	75.2	9.01	3.23		
3	95	15.0	76.4	9.02	3.25		
4	94	15.6	75.3	9.08	3.33		
5	95	15.0	75.2	9.01	3.32		
6	94	15.8	75.3	9.03	3.28		
7	95	15.6	75.6	9.01	3.28		
8	96	15.0	75.2	9.02	3.28		
9	94	15.5	75.0	9.02	3.22		
10	96	15.0	75.5	9.03	3.25		
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
AVE.	94.6	15.4	75.5	9.04	3.24		
MAX.	96.0	15.8	76.4	9.08	3.33		
MIN.	94.0	15.0	75.0	9.01	3.21		
Remark:							
Conclusion:	Pass(<input checked="" type="checkbox"/>)			Fail(<input type="checkbox"/>)			