

SPECIFICATION FOR APPROVAL

承认书

Customer (客户) : _____

Product Name (产品名称) : _____ 压电式无源蜂鸣器

Zhenmei Part No. 臻美(型号): _____ MIMS1625P4005A

Specification (盛群规格) : _____ 16*16*2.5

Customer's Model No. (客户型号) : _____

Specification No. (规格书编号) : _____ SQ-PE-1625P4005A

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 制作
		JCF

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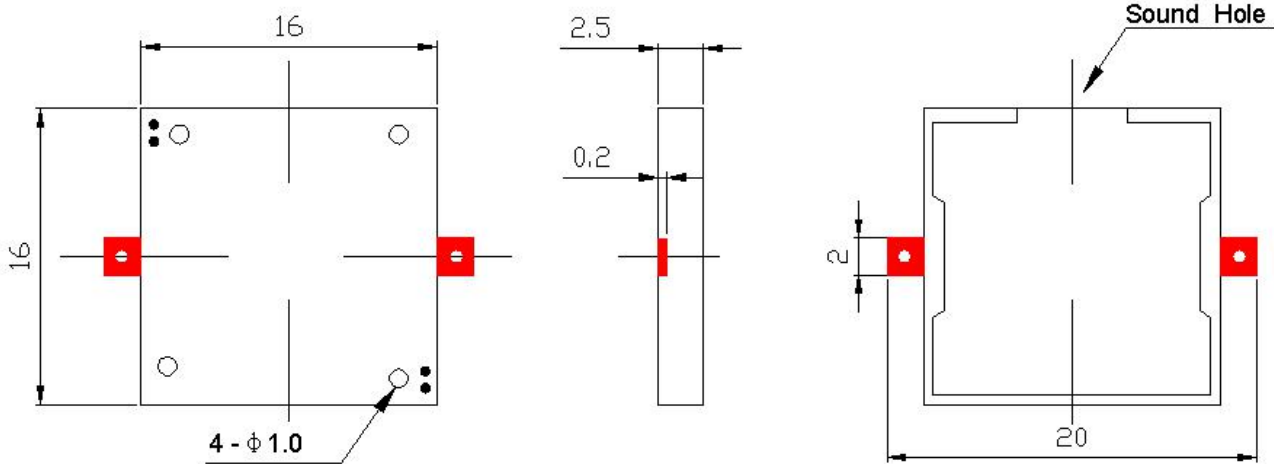
产品型号

MIMS1625P4005A

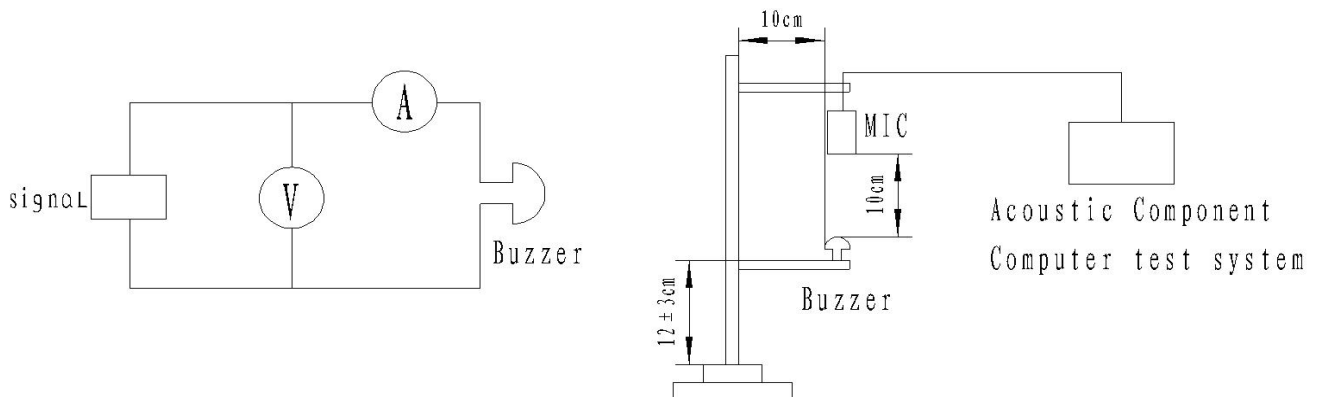
SPECIFICATION

1	Rated Voltage (V p-p)	5
2	Operating Voltage(V p-p)	1~20
3	Capacitance at 1000Hz (nf)	15±30%
4	Resonant Frequency (Hz)	4000
5	Sound Output at 10cm (dB)	≥85
6	Current Consumption (mA)	≤5
7	Operating Temperature (°C)	-20~+70
8	Storage Temperature (°C)	-30~+80

DIMENSIONS: Unit: mm ±0.3 黑色耐高温壳



TEST METHOD:



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PART . NO.

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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)	Co(nF)	I(mA)	Important Dimensions:mm			
	≥85	15±30%	≤5	16±0.3	2.5±0.3		
1	92	14.9	0.4	16.04	2.54		
2	92	14.6	0.5	16.03	2.50		
3	93	14.5	0.6	16.05	2.55		
4	91	14.8	0.4	16.01	2.53		
5	91	14.6	0.6	16.03	2.54		
6	92	14.2	0.6	16.03	2.51		
7	93	14.3	0.5	16.05	2.55		
8	91	14.4	0.7	16.03	2.56		
9	93	14.9	0.6	16.05	2.52		
10	93	14.2	0.5	16.04	2.55		
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
AVE.	92	14.2	0.5	16.04	2.53		
MAX.	93	14.9	0.7	16.05	2.56		
MIN.	91	14.6	0.4	16.01	2.50		
Remark:							
Conclusion:	Pass(<input checked="" type="checkbox"/>)			Fail(<input type="checkbox"/>)			