

SPECIFICATION FOR APPROVAL

承认书

Customer (客户) : 全汇通

Product Name (产品名称) : 电磁无源蜂鸣器

Sheng Qun Part No. 盛群型号: SQMS5002S4036A

Specification (规格) : 5.0*2.0

Customer' s Model No. (客户型号): _____

Specification No. (规格书编号): SQ-MS-15123101A1

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

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Issued by 制成

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SPECIFICATION FOR APPROVAL

承认书

PAGE NO.

页码

2/4

PART . NO.

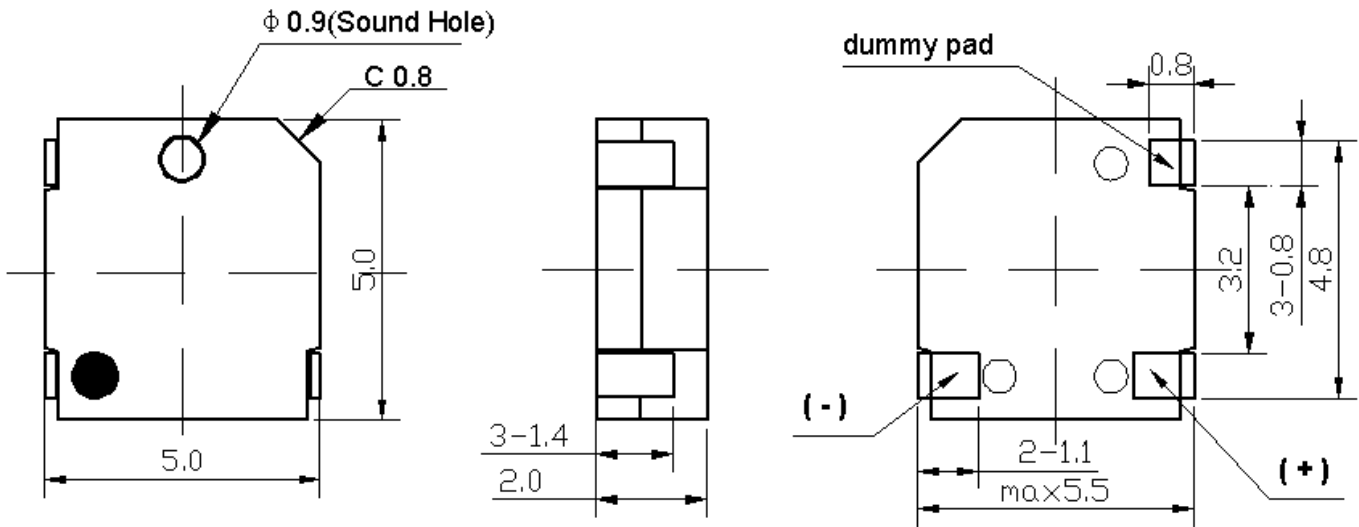
产品型号

SQMS5002S4036A

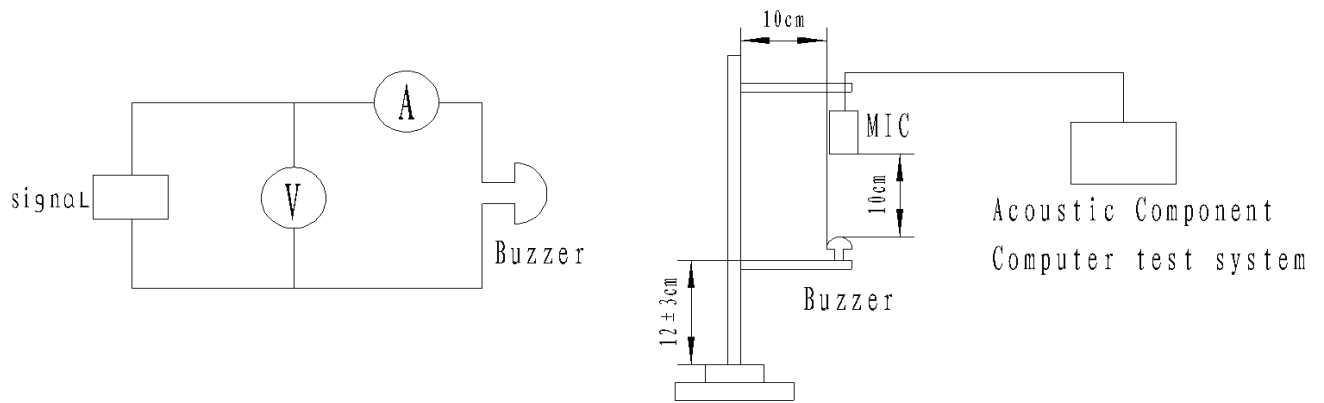
SPECIFICATION

1	Rated Voltage (Vo-p)	3.6
2	Operating Voltage(Vo-p)	2.5~4.5
3	Coil Resistance (Ω)	12 \pm 3
4	Resonant Frequency (Hz)	4000
5	Sound Output at 10cm (dB)	\geq 75
6	Current Consumption (mA)	\leq 110
7	Operating Temperature ($^{\circ}$ C)	-30~+70
8	Storage Temperature ($^{\circ}$ C)	-40~+85

DIMENSIONS: Unit: mm \pm 0.3



TEST METHOD:



SPECIFICATION FOR APPROVAL 承认书	PAGE NO. 页码	3/4
	PART . NO. 产品型号	SQMS5002S4036A

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 ± 10 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.	
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Remark: ★ S.Q. 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

SPECIFICATION FOR APPROVAL 承认书	PAGE NO. 页码	4/4
	PART . NO. 产品型号	SQMS5002S4036A

SAMPLE TEST REPORT:

SPE.	SPL(dB)	Res(Ω)	I(mA)	Important Dimensions:mm			
	≥ 75	12 \pm 3	≤ 110	5.2 \pm 0.3	2.0 \pm 0.3		
1	81	12.2	75.3	5.36	2.01		
2	80	12.6	75.2	5.31	2.03		
3	81	12.0	76.4	5.32	2.05		
4	80	12.6	75.3	5.35	2.03		
5	81	12.0	75.2	5.31	2.02		
6							
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AVE.	80.5	12.3	75.5	5.33	2.03		
MAX.	81.0	12.6	76.4	5.36	2.05		
MIN.	80.0	12.0	75.2	5.31	2.01		
Remark:							
Conclusion:	Pass(<input checked="" type="checkbox"/>)			Fail(<input type="checkbox"/>)			