



PRODUCT SPECIFICATION

Product Name: SMD Buzzer

Part Number: SM09ET04AV3.6R16SH

Document No: _____

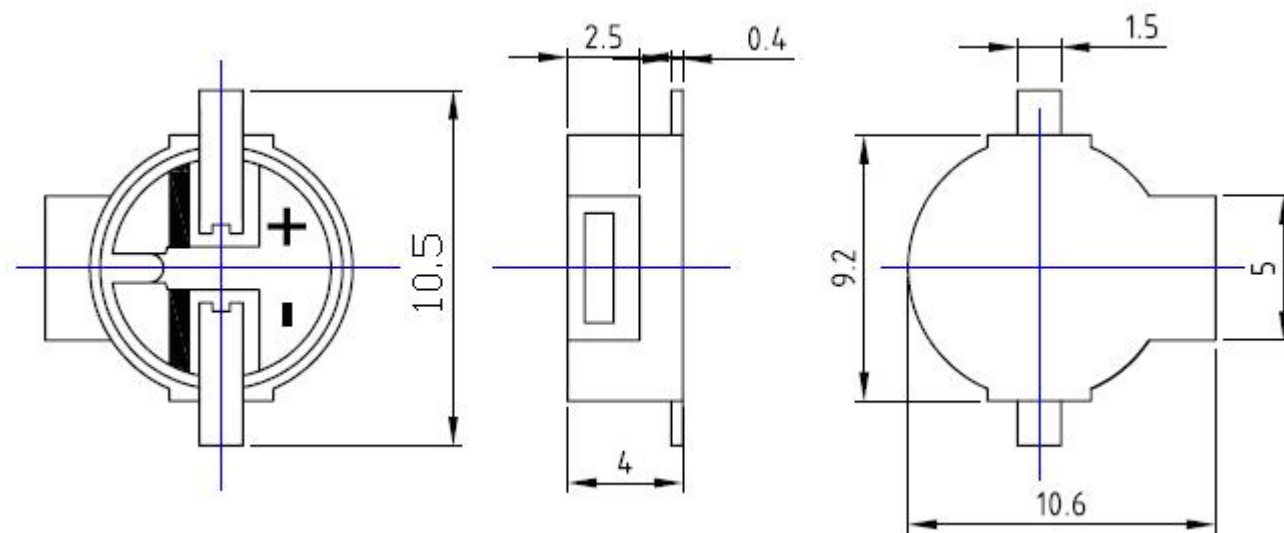
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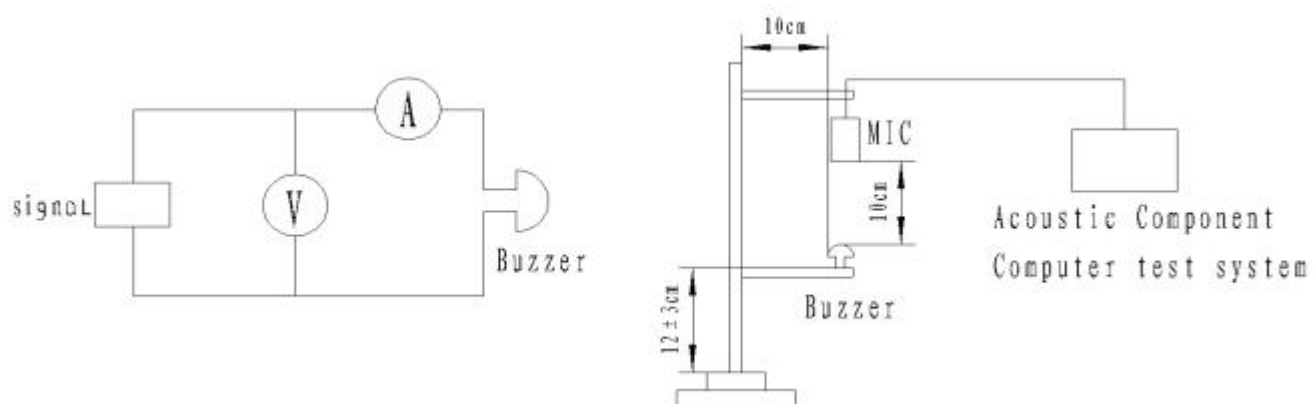
1. ELECTRICAL AND ACOUSTICAL SPECIFICATION

1	Rated Voltage (Vo-p)	3.6
2	Operating Voltage(Vo-p)	3~7
3	Coil Resistance (Ω)	16 \pm 3
4	Resonant Frequency (Hz)	2730
5	Sound Output at 10cm (dB)	\geq 85
6	Current Consumption (mA)	\leq 100
7	Operating Temperature ($^{\circ}$ C)	-20~+85
8	Storage Temperature ($^{\circ}$ C)	-30~+90

2. APPEARANCE DRAWING



TEST METHOD:





3.ENVIRONMENT TEST

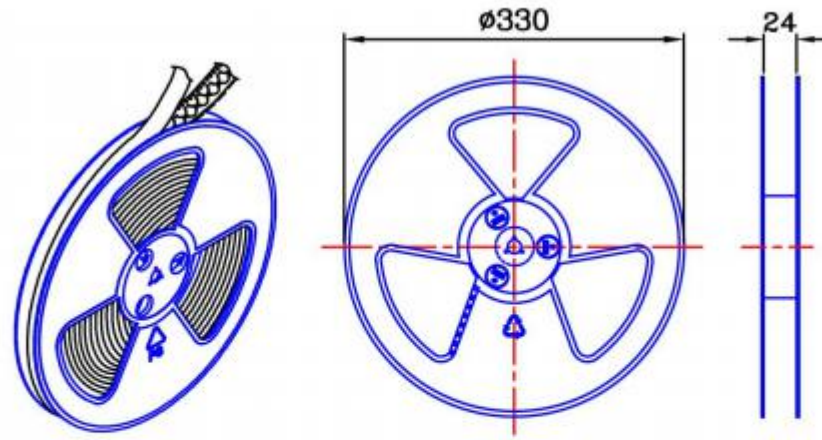
NO.	ITEM	TESTING CONDITION	VARIANCE AFTER TEST
1	High temp.	The part shall be capable of withstanding a storage temperature is +85°C for 96 hours	After the test the part shall meet specifications without any degradation in appearance and performance except SPL shall be initial value±10dB or more.
2	Low 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

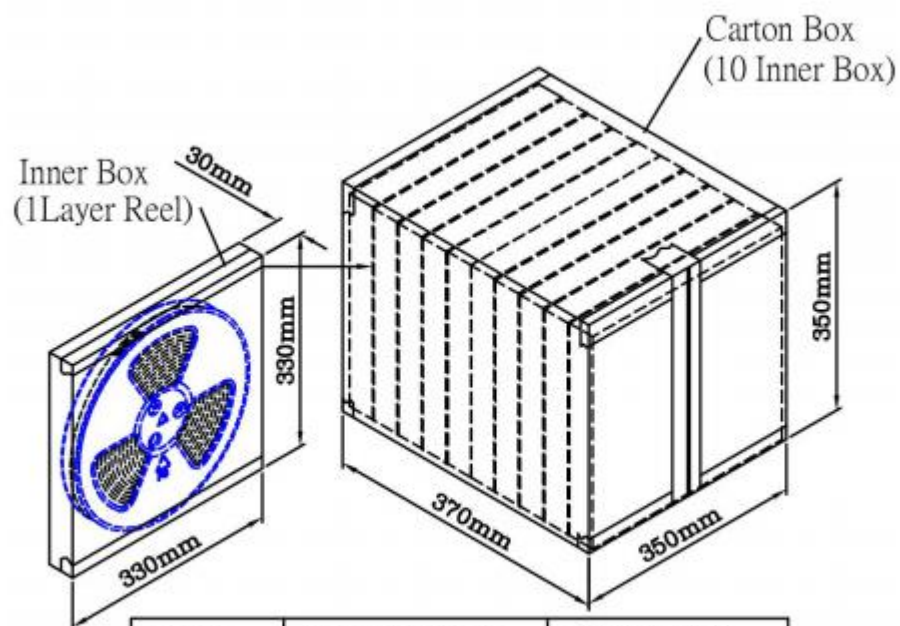
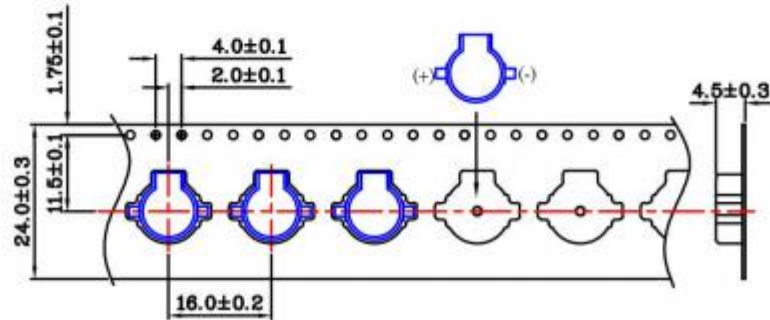
Buzzer Soldering process			Soldering Parameter		
			Temp.(°C)	Time(Sec.)	Times
Inclusive Lead		Wave soldering	245±5	3~6	1~2
		Manual soldering	330±10	1~2	1~2
Lead Free		Wave soldering	245±5	4~8	2~3
	★	Manual soldering	350±10	1~3	2~3

4.PACKING

I. PACKING STANDARD



1 Reel : 800PCS



Inner Box	330mmx330mmx30mm	1x800PCS=800PCS
Carton Box	350mmx350mmx370mm	10x800PCS=8,000PCS