

A: SCOPE

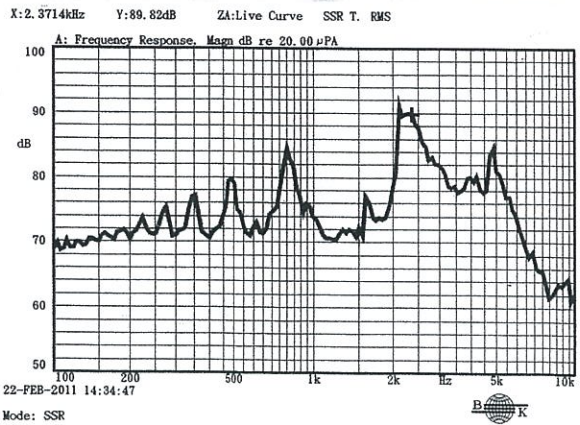
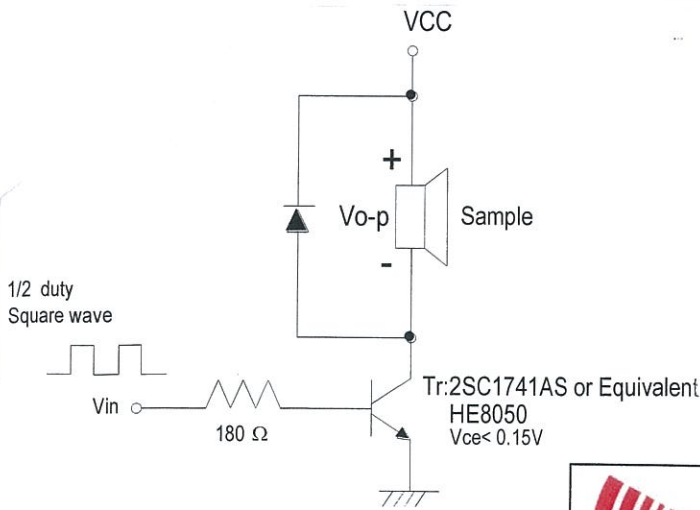
This Specification applies to SMT E/M Buzzer **TRSTE-1305**

B: SPECIFICATION

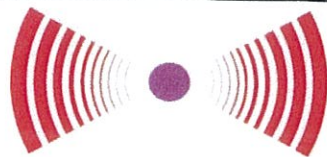
No.	Item	Unit	Specification	Condition
1	Rated Voltage	Vp-p	5	
2	Operating Volt range	Vp-p	4 ~ 7	
3	Consumption Current	mA MAX	Mean: 50 Peak: 150	Applying rated voltage, rated frequency Square wave, 1/2 duty subject to standard state.
4	Direct current resistance	Ohm	45.0 +/- 5	
5	Min Sound Pressure Level	dB Min	85	Distance at 10cm Applying rated voltage, rated frequency Square wave, 1/2 duty subject to standard state.
6	Rated frequency	Hz	2400	
7	Operating Temp	C	-20 ~ +70	
8	Storage Temp	C	-30 ~ +80	
10	Weight (MAX)	gram	2.0	

C: MEASURING MEATHOD

Test Condition			
Standard	Temperature: 15 ~ 35C	Relative Humidity: 45% ~ 85%	
Judgment	Temperature: 20 +/-3C	Relative Humidity: 60% ~ 70%	



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All dimensions are in MM unless otherwise specified

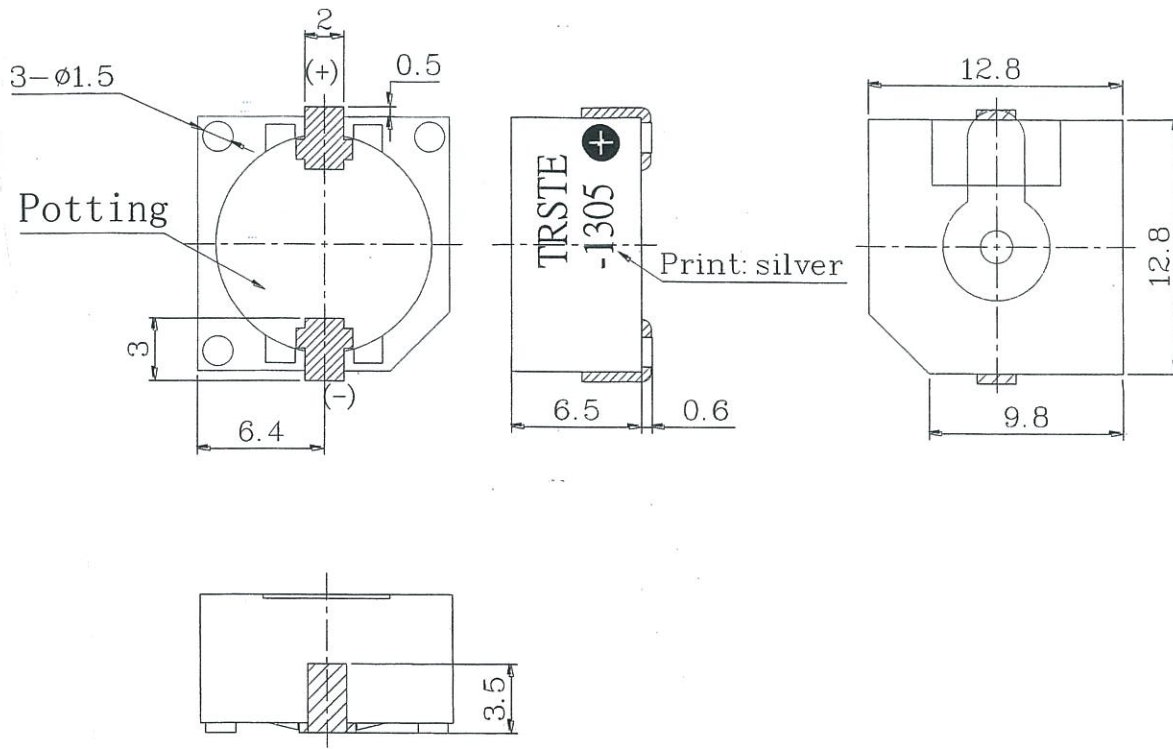
Drawing Number:
TRSTE-1305

SMT E/M Buzzer
1 of 5

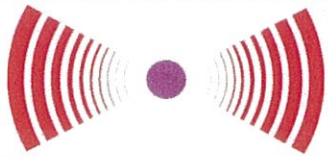
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D: APPEARANCE DRAWING



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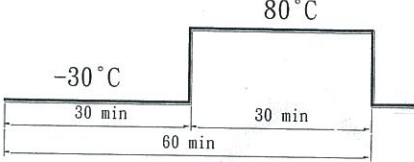
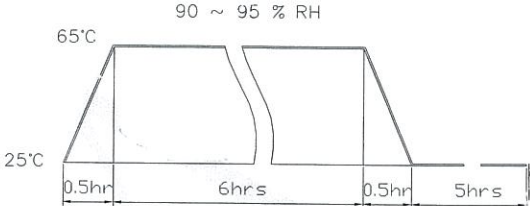
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SMT E/M Buzzer
2 of 5

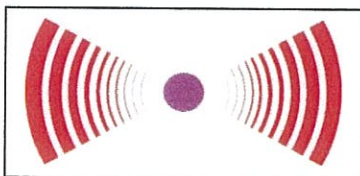
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E: RELIABILITY

	Item	Test Condition	Evaluation Standard
1	High Temp Storage Life	Part shall be capable of withstanding a storage temperature of 80C for 96 hours	Part shall meet specifications without any degradation in appearance and performance except S.P.L. S.P.L. shall be +/- 7dB
2	Low Temp Storage Life	Part shall be capable of withstanding a storage temperature of -30C for 96 hours	
3	Temp Cycle	Part shall be subjected to 10 cycles. One cycle shall of: <div style="text-align: center;">  </div>	
4	Temp / Humidity	The part shall be subjected to 10 cycles. One cycle shall be 2 hours and consist of: <div style="text-align: center;">  </div>	
5	Operating Test Life	Rated Voltage and Frequency applied; 1. Ordinary temperature. The part shall be subjected to 1000 hours at room temperature (25+/-10C). 2. High Temperature. The part shall be subjected to 500 hours at 70C. 3. Low temperature. The part shall be subjected to 500 hours at -20C	
6	Vibration	Buzzer shall be measured after being applied vibration of amplitude of 1.5mm with 10 to 55 Hz of band vibration frequency to each of 3 perpendicular directions for 6 hrs	

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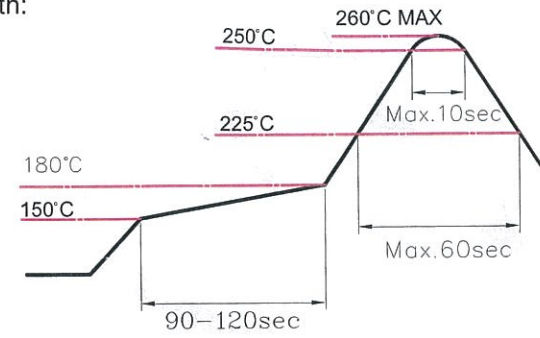
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SMT E/M Buzzer
3 of 5

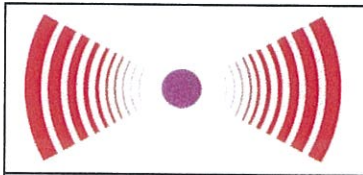
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F: SOLDERABILITY

No	Item	Test Condition	Evaluation Standard
1	Solder Ability	Hand soldering: 360 +/- 5 C / < 2 sec (Recommend using constant searing iron)	Part shall meet specifications without any degradation in appearance and performance except S.P.L. S.P.L. shall be +/- 7dB
2	Soldering profile	Soldering into bath: 	
3	Wash Ability	1. Solvent: Deionizer water 2. Solvent Temp: 55 +/- 5C 3. Soaking time: 5 +/- .5 min	
Note:		After solder bath, the cooling time must be longer than 2 hours before function test	

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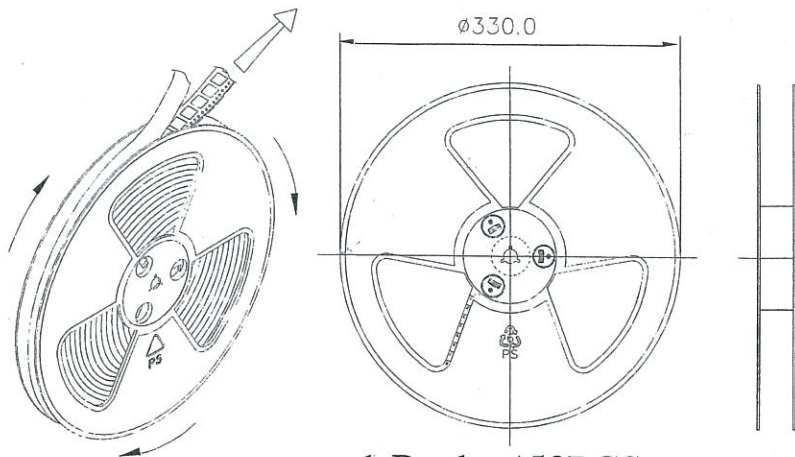
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SMT E/M Buzzer
4 of 5

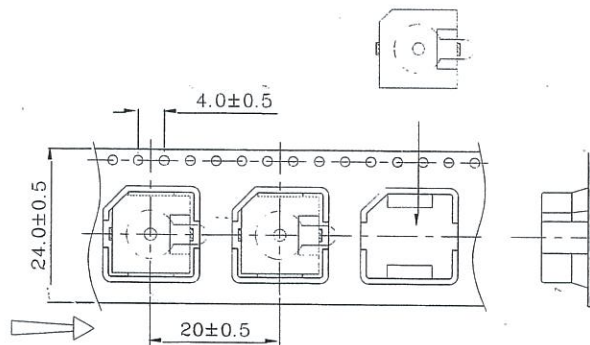
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G: PACKAGING TAPE AND REEL

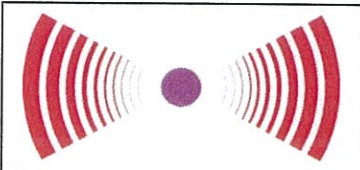


1 Reel : 450PCS



Inner Box	330mmx330mmx30mm	1x450PCS=450PCS
Carton Box	350mmx350mmx180mm	5x450PCS=2,250PCS
Carton Box	350mmx350mmx370mm	10x450PCS=4,500PCS

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5 of 5

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