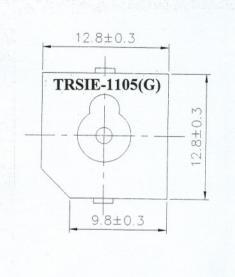
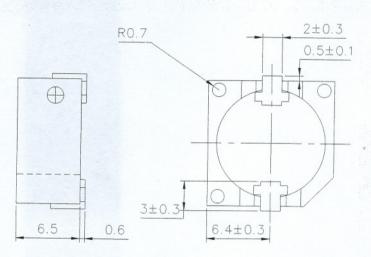
Items		Units	Specifications	Conditions	
01	Rated Voltage	VDC	5		
02	Operating Voltage	VDC	4 - 7		
03	Rated Current	mA(Max)	30		
04	Sound Output	dBA(min)	88	Distance at 10cm	
05	Rated Frequency	Hz	2400±400		
06	Operating Temp.	°C	-20 ~ +70	-	
07	Storage Temp.	°C	-30 ~ +80		
08	Weight	Gram	2.25		

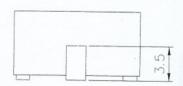
**%** Standard Conditions:

Temperature 15 ~ 35°C Humidity 25 ~ 80 %

Air pressure 860 ~ 1060 HPa.







## Transducers USA

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Title:

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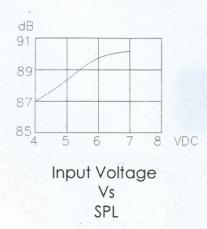
11/13/07 Date:

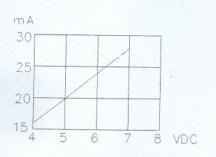


All dimensions are in MM unless otherwise specified

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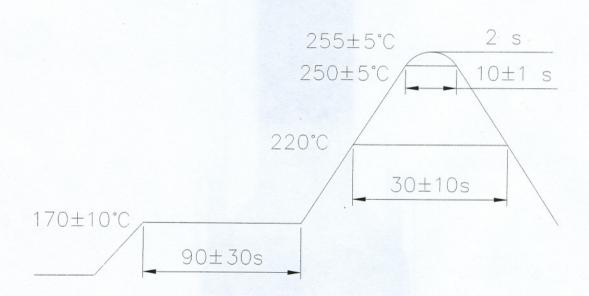
## OPERATING CHARACTURISTICS





Input Voltage Vs Current

Temperature profile for reflowable Buzzer.



## **Transducers USA**

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# **RELIABILITY TEST**

Item		Test conditions	Evaluation standard
01	High temp. Storage life	The part shall be capable of withstanding a storage Temperature of 80°C for 96 hours.	After the test the part shall meet specifications without Any degrance and performance except S.P.L S.P.L shall be 80dB or more.
02	Low temp. Storage life	The part shall be capable of withstanding a storage Temperature of -30°C for 96 hours.	
03	Temp.cycle	The part shall be subjected 10 cycles. One cycle shall consist of;  80°C  30min 30min  60min	
04	Temp./Humidity	The part shall be subjected 10 cycles. One cycle shall be 8 hours and consist of; 95°C  25°C  a b c c 2.5hrs  a,b:90~98%RH c:80~98%RH	

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# **RELIABILITY TEST**

Item		<b>Test conditions</b>	Evaluation standard
05	Vibration	The part shall be subjected to a vibration cycle of 10Hz to 55Hz to 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.	After the test the part shall meet specifications without Any degrance and performance except S.P.L S.P.L shall be 80dB or
06	Fixed drop	The part shall be mounted on 100g jig(standard pc board) and dropped from a height of 152cm onto a concrete floor 5 times in each 6 planes.  (a total of 30 times)	
07	Free drop		
08	Operating life	Ordinary temperature	

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(Page 4 of 4)

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