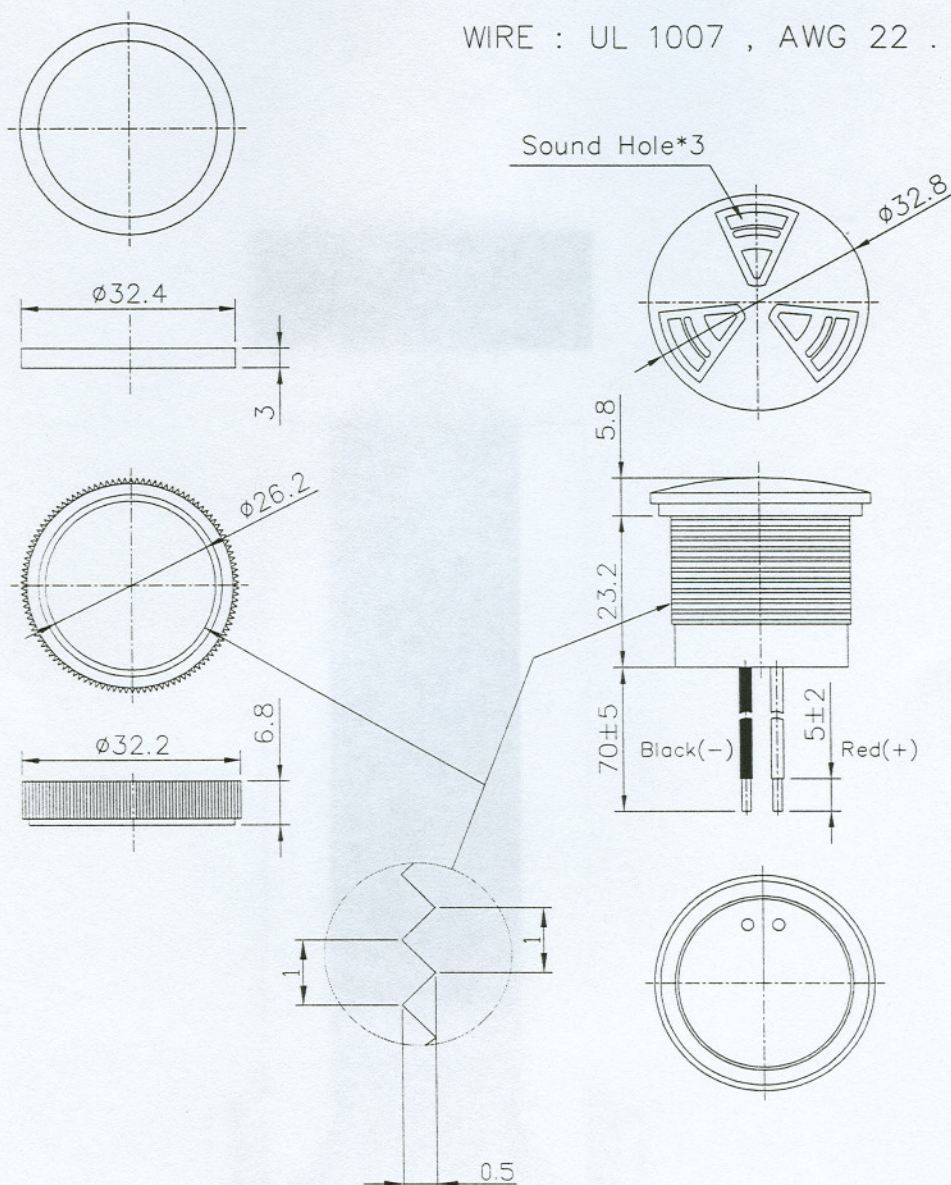


RUBBER GASKET

WIRE : UL 1007 , AWG 22 .



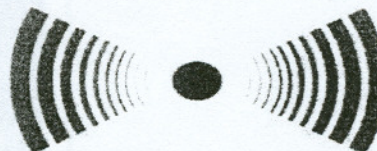
The Thread of Nut and Housing spec. are the same .

Thread Pitch : 1.0mm , Thread depth : 0.5mm .

(National Standard is called M26)

Transducers USA

1400 Howard Street
Elk Grove Village, IL 60007
Toll Free: 800 956-1920 Fax: 847 956-1950
www.tusainc.com info@tusainc.com



Drawing Number:
TRIP-86515W

Title: **PIEZO INDICATOR**
(Page 1 of 3)

All dimensions are in MM unless otherwise specified

Date: 6/20/06

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Items		Units	Specifications	Conditions
01	Rated Voltage	VDC	10	
02	Operating Voltage	VDC	3 ~ 25	
03	Rated Current	mA(Max)	25	At 10VDC
04	Sound Output	dBA(Min)	100	At 10VDC / 10cm
05	Resonant Frequency	Hz	2900±500	
06	Tone Nature	SINGLE		
07	Operating Temp.	°C	-40 ~ +75	
08	Storage Temp.	°C	-40 ~ +85	
09	Weight	g	20	

Measuring Method

Test Condition

STANDARD

Temperature : 15 ~ 35°C

Relative humidity : 25% ~ 85%,

Atmospheric pressure : 860mbar to 1060mbar.

JUDGEMENT

Temperature : 20±3°C

Relative humidity : 60% ~ 70%,

Atmospheric pressure : 860mbar to 1060mbar

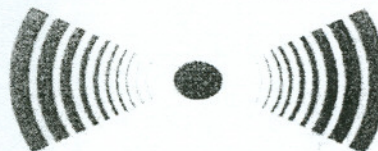
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(Page 2 of 3)**

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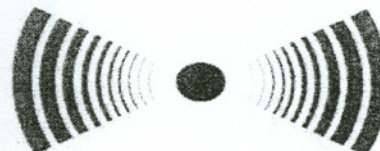
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Reliability Test

Item		Test conditions	Evaluation standard
01	High temp.Storage life	The part shall be capable of withstanding a storage Temperature of 85℃ for 96 hours.	After the test the part shall meet specifications without Any degradation in appearance and performance except S.P.L S.P.L shall be 74dB or more.
02	Low temp.Storage life	The part shall be capable of withstanding a storage Temperature of -40℃ for 96 hours.	
03	Temp. cycle	The part shall be subjected 5 cycles. One cycle shall consist of; <div><div><div>-40℃ 30min</div><div>85℃ 30min</div></div><div>60min</div></div>	
04	Temp./Humidity cycle	The part shall be subjected with 90~95% R.H at +40℃ for 96 hours.	
05	Free drop	The part only shall be dropped from a height of 75cm onto a 40mm thick wooden board 3 times in 3 axes (X.Y.Z). (a total of 9 times).	
06	Lead Strength	Pull lead with a force of 10N,on the direction of the lead axis for 10 :10±1 sec	
07	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.	
08	Solder ability	Soldering : 260±5℃ / 5 Sec. 360±5℃ / 1.5 Sec	

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