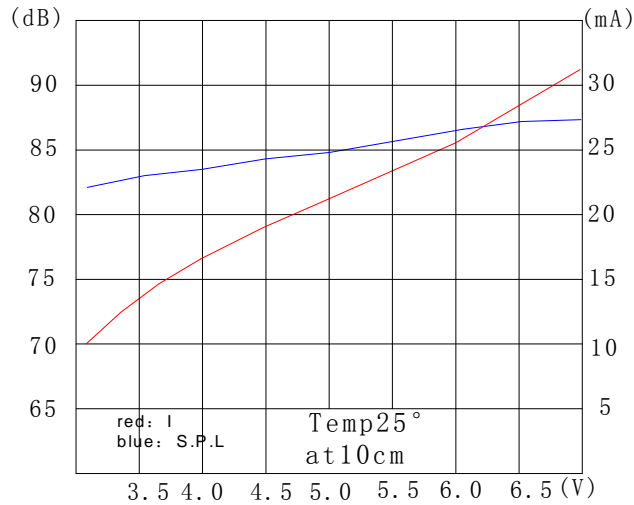


# LOUDITY

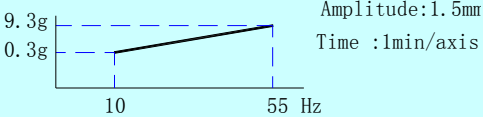


## Specification

Type	Unit	LD-BZEG-0905
Rated Voltage	V(DC)	5
Operating Voltage	V(DC)	4~8
*Rated Current(max)	mA	30
*Sound Output at 10cm	dB	80
*Rated Frequency	Hz	2700±200
Lead pin material		Red Copper
Operating Temperature	°C	-30~+70
Storage Temperature	°C	-40~+85
Housing material		NORYL
weight	g	2.0

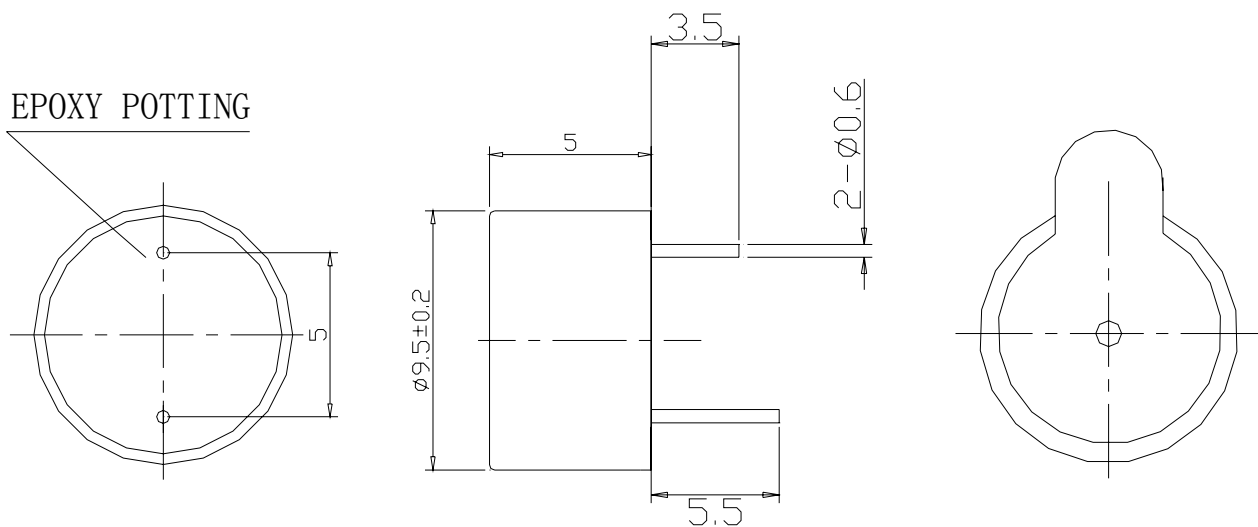
*\*Value Applying at Rated Voltage(DC)*

## Environmental Test

Storage in High temp.	Storage in $+85\pm 2^{\circ}\text{C}$ test box for 240 hours, then expose to the room temperature for 2 hours without applying power	
Storage in Lower temp.	Storage in $-40\pm 2^{\circ}\text{C}$ test box for 240 hours, then expose to the room temperature for 2 hours without applying power	
Vibration test	 <p>Amplitude: 1.5mm Time: 1min/axis</p> <p>Make this test for the directions of X, Y, Z for 2 hours each (total 6 hours)</p>	
Drop test	Drop from the height of 100cm to the surface of 10cm thick woosenboard, three directions (X, Y, Z)	
Solderability test	Soldering temp: $260\pm 5^{\circ}\text{C}$ Hest applying time: $3\pm 0.5\text{sec}$	<b>90%min lead terminals shall be wet with solder</b>
Lead pin strength pulling	The force 10 seconds of 9.8N is applied to each lead pin in axial direction	<b>No damage and cutting off</b>

**After test The value pf frequency/current/SPL should be meet specifications**

**Dimension (Unit: mm tolerance:  $\pm 0.5\text{mm}$ )**



Wave Solder and Wash Allowed

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