

1. SCOPE

This specification applies piezo audio transducer, **L-KLS3-LPB-23*17**

2. SPECIFICATOIN

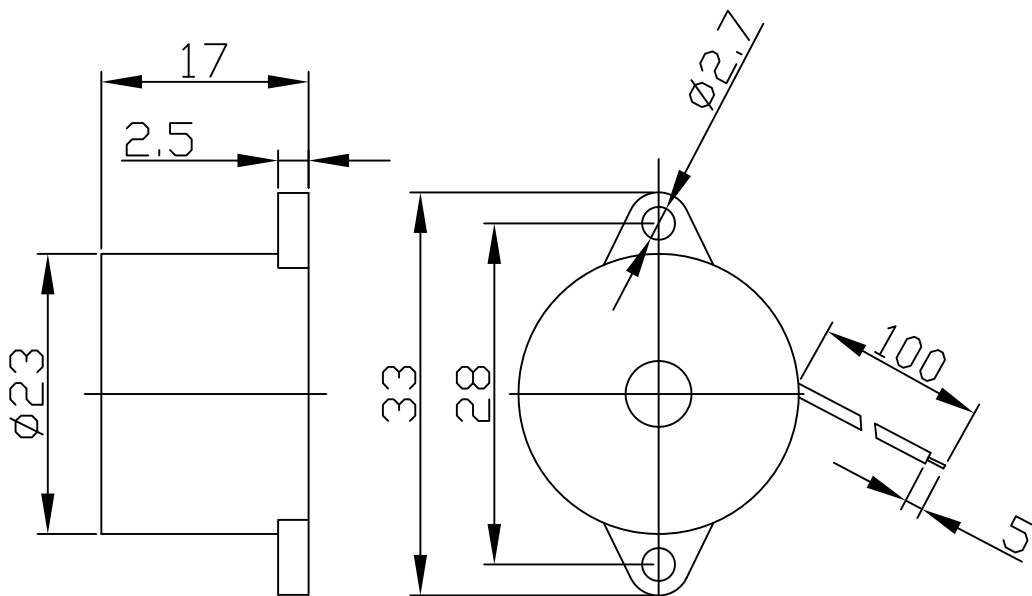
Test condition TEMP. =25°C

Item	Unit	Specification
Rated Voltage	V	12
Operating Voltage	V	3~16
*Rated Current (MAX.)	mA	8
*Sound Output at 30cm (Min.)	dB	90
*Resonant Frequency	Hz	3700 ± 500
Lead Wire	UL1095 28#	
Operating Temperature	°C	-20~+60
Storage Temperature	°C	-30~+70
Housing Material	ABS	
Weight	g	5

*Value Applying at Rated Voltage.

3. APPEARANCE DRAWING

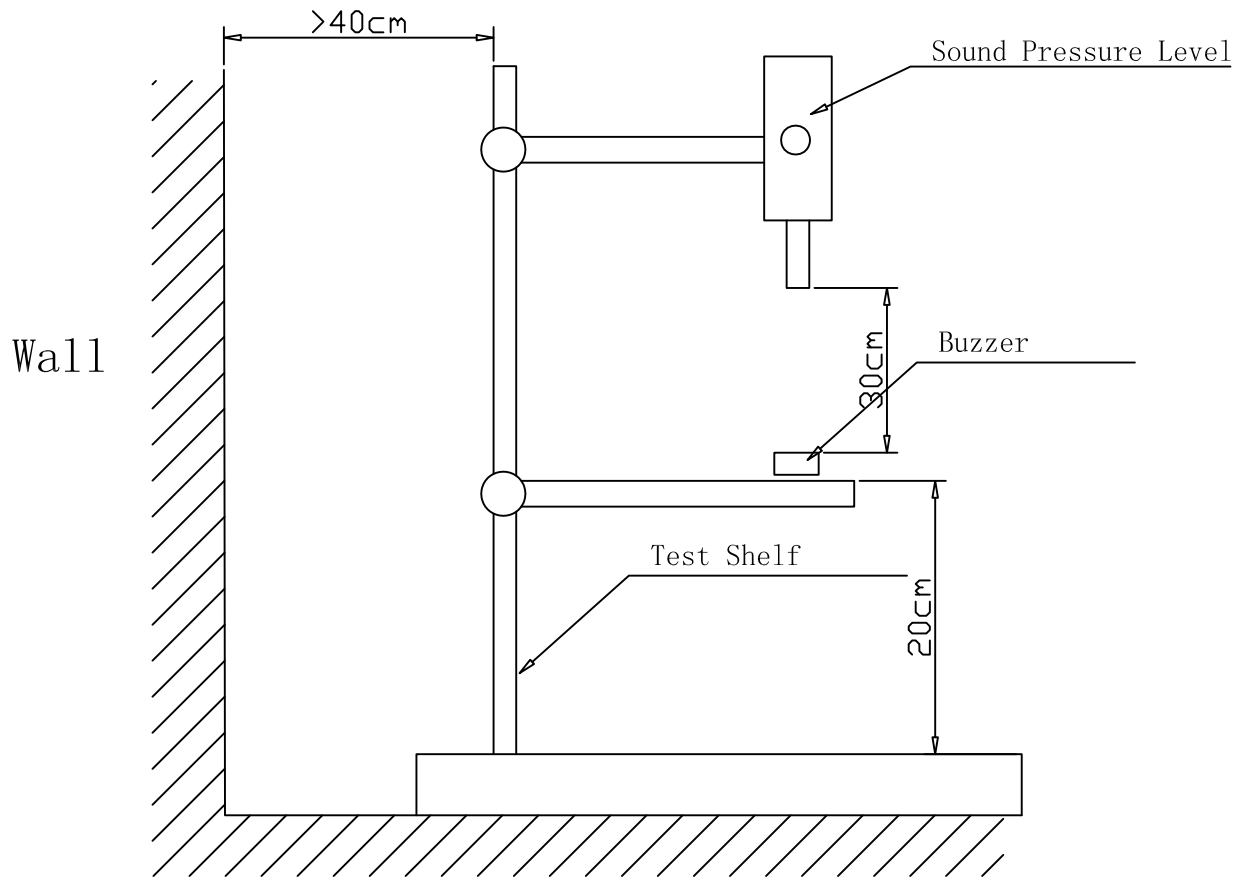
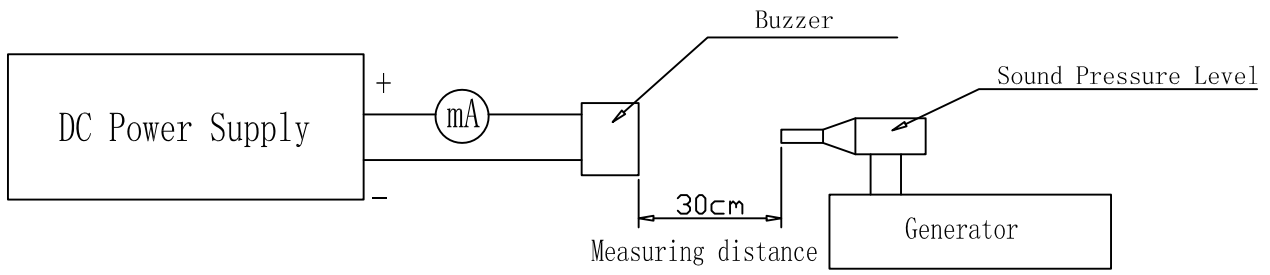
Unit:mm Tolerance: ±0.5mm



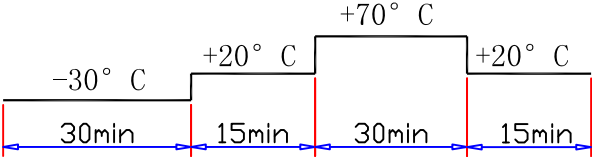
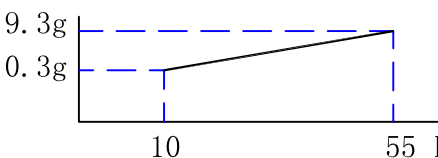
wave solder and wash not allowed



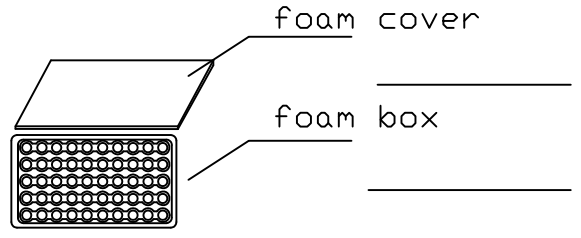
4. MEASURING MENTHOD



5. RELIABILITY TEST

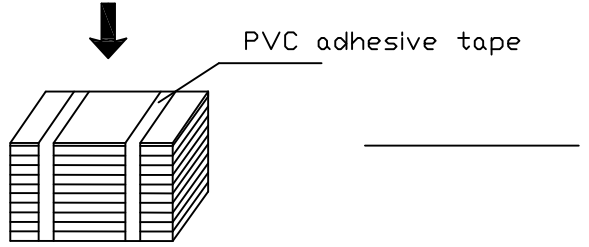
ITEM	TEST CONDITION	STANDARD
Storage in high temp.	Storage in $+70\pm 2^{\circ}\text{C}$ test box for 240 hours, then expose to the room temperature for 2 hours without applying power.	
Storage in low temp.	Storage in $-30\pm 2^{\circ}\text{C}$ test box for 240hours, then expose to the room temperature for 2 hours without applying power.	
Storage in humidity	Storage in $+40\pm 2^{\circ}\text{C}$ 90-95%RH test box for 48 hours, then expose to the room temperature for 2 hours without applying power.	
Temperature cycle test	 <p>Make this test for 5 cycle without applying power, then expose to the room temperature for 2 hours</p>	After test The value of frequency/ current/SPL should be meet specifications
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 70cm to the surface of 10mm thick woodenboard. three directions (X, Y, Z).	
Solderability test	Soldering temp. : $260\pm 5^{\circ}\text{C}$. Heat applying time: $3 \pm 0.5\text{sec}$.	90%min. terminals shall be wet with solder
Wire Strength Pulling	The force 10 seconds of 9.8N is applied to each Wire in axial direction	No damage and cutting off

6. PACKING

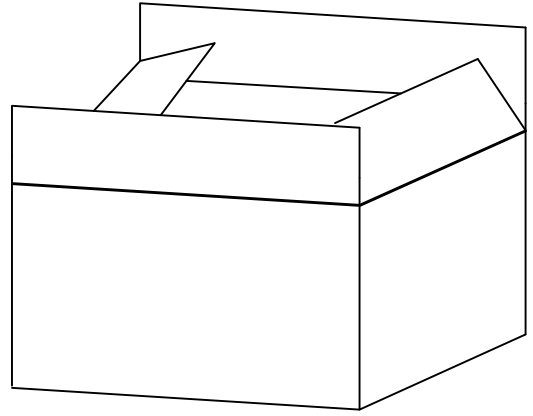
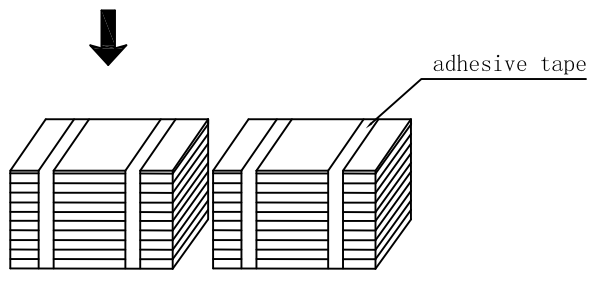


foam cover size:350x197x16.5 mm

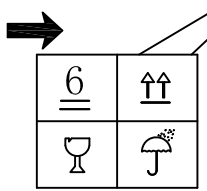
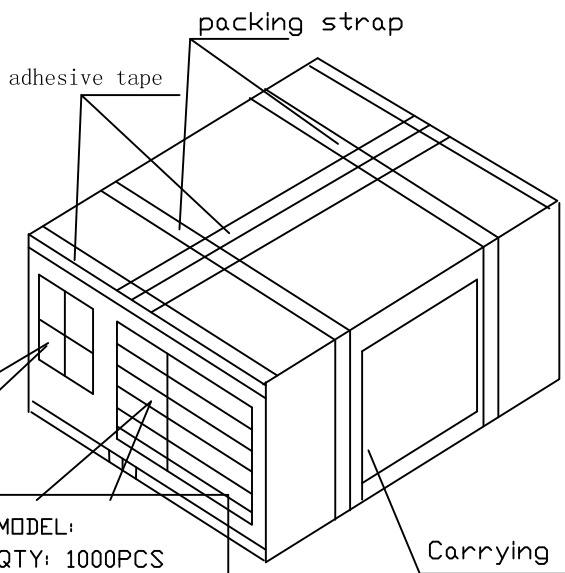
foam box size:350x195x40.5mm
50PCS/box



50x10=500PCS
500PCS/sheaf



box size:400x375x385mm;
500x2=1000pcs/box



MODEL:
QTY: 1000PCS
N.W:
G.W:
SIZE:40*37.5*38.5
LOT NO:

