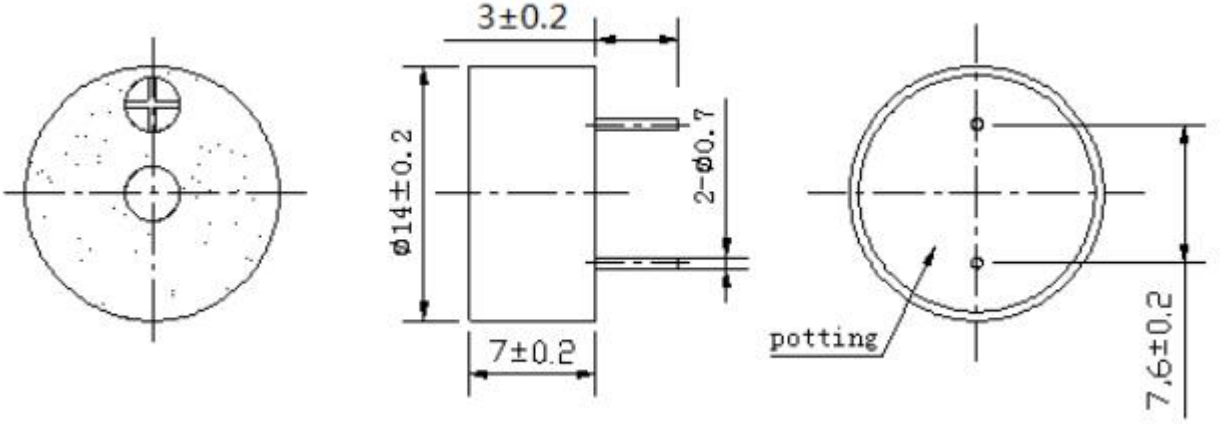
1.SPECIFICATION

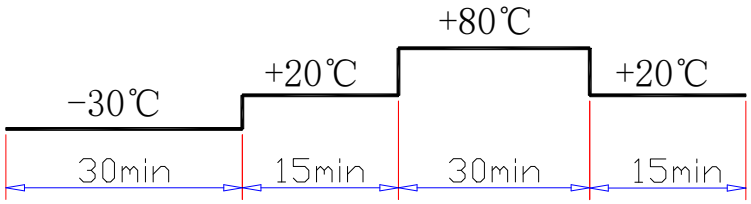
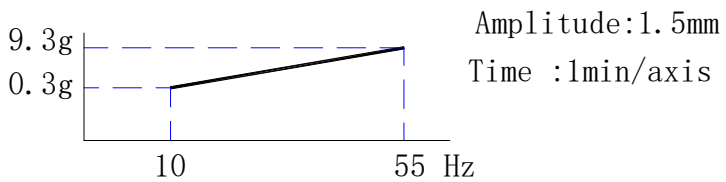
TYPE	NIT	MSPT14A	
Min. Sound Output at 10cm	dB	80	82
Rated Voltage	Vp-p	5v	12v
Operating Voltage	Vp-p	1～25	1～25
Resonant Frequency	Hz	4000±500	4000±500
Max. Current Consumption	mA	3.0	3.0
Capacitance at 1,000Hz	pF	12000±30%	12000±30%
Operating Temperature	℃	-20～+70	-20～+70
Storage Temperature	℃	-30～+80`	-30～+80`
Housing material		PPO	PPO
Weight	g	0.9	0.9

2.APPEARANCE DRAWING



(UNIT:MM) Tolerance: ±0.2mm

3.ENVIRONMENTAL TEST

	Item	Specifications
3-1	Storage in High temp.	Storage in +85℃±2℃ test box for 96 hours，then expose to the room temperature for 2 hours without applying power.
3-2	Storage in Low temp.	Storage in -40℃±2℃ test box for 96 hours，then expose to the room temperature for 2 hours without applying power.
3-3	Storage in Humidity	Storage in +40℃±2℃ 90-95%RH test box for 96 hours, then expose to the room temperature for 2 hours without applying power.
3-4	Thermal cycle test.	 Make this test for 5 cycles without applying power,then expose to the room temperature for 2 hours.
3-5	Vibration test	 Make this test for the directions of X, Y, Z for 2 hours each (total 6 hours).
3-6	Drop test	Free drop a unit from the height 100cm to the surface of 10mm thick board ,three directions(X,Y,Z).
3-7	Solderability test	Soldering temp.:260±5℃ Heat applying time: 3±0.5sec.
PASS CRITERION : After these tests , the change of S.P.L shall be within ±5 dB .		

4.MEASURING METHOD(BUZZER MODE)

4-1 .Test Condition

4-1-1.STANDARD

Temperature : 25±3℃

Relative humidity : 60% ~ 70%,

Atmospheric pressure : 860mbar to 1060mbar

4-1-2.JUDGEMENT

Temperature : 15 ~ 35℃

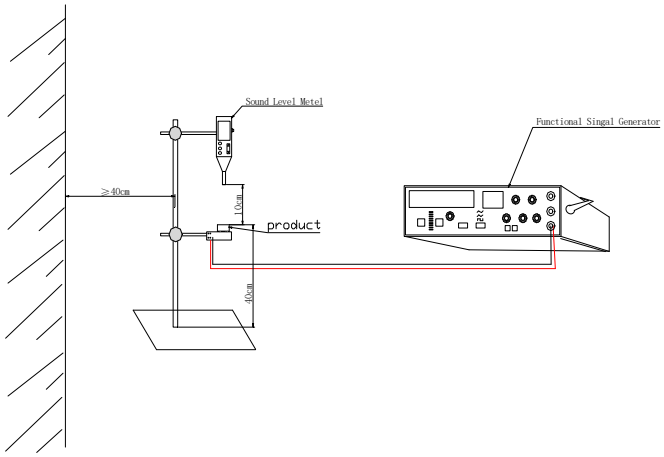
Relative humidity : 45% ~ 85%,

Atmospheric pressure: 860mbar to 1060mbar.

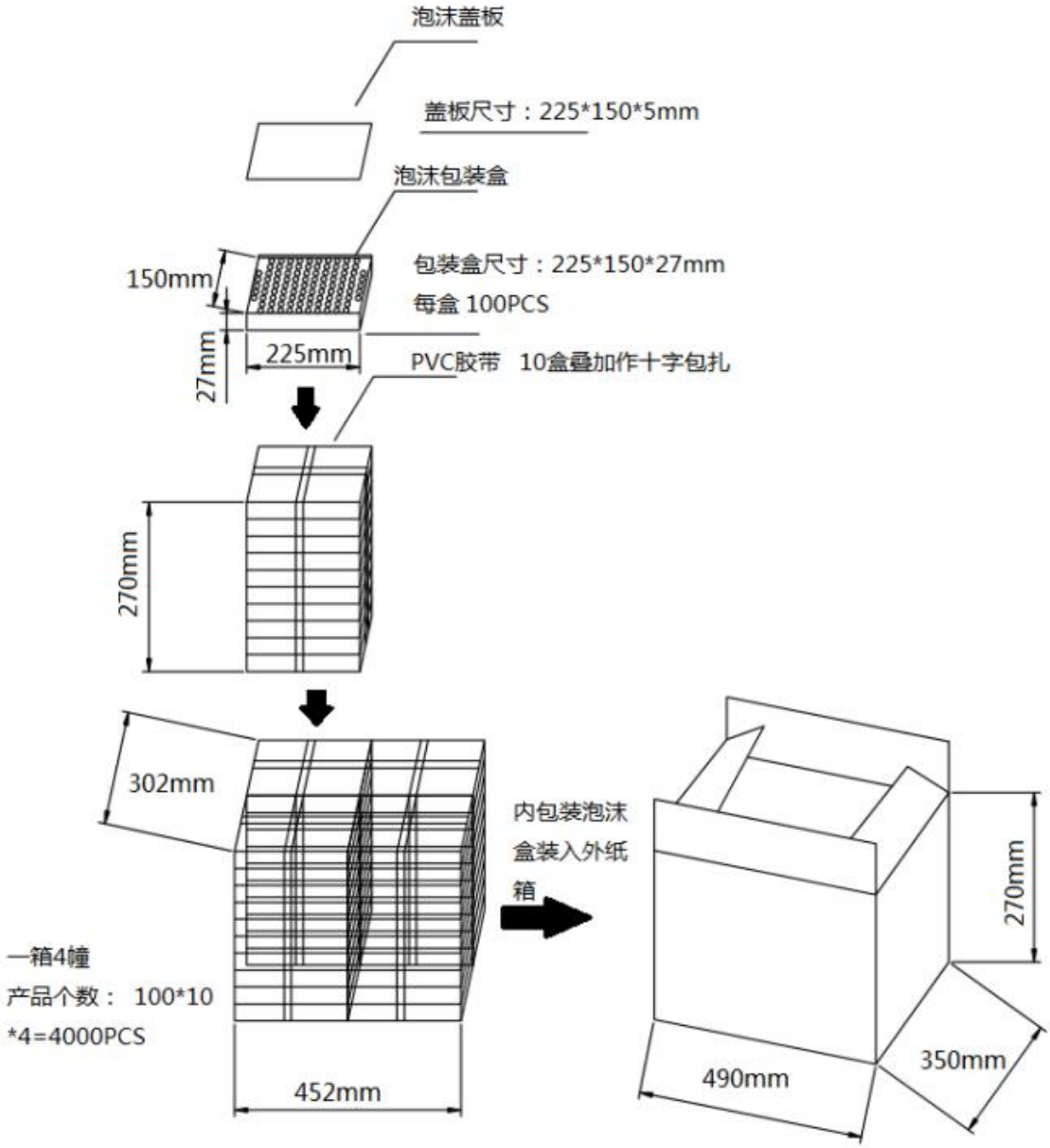
4-2. Standard Test Fixture

1.rated Voltage(Square wave):10V

1. Resonant Frequency:4000Hz


Sound Level Metel
Functional Singal Generator
≥40cm
10cm
product
40cm

5.PACKING


泡沫盖板
盖板尺寸：225*150*5mm
泡沫包装盒
包装盒尺寸：225*150*27mm
每盒 100PCS
PVC胶带 10盒叠加作十字包扎
150mm
225mm
27mm
270mm
302mm
452mm
一箱4幢
产品个数： 100*10
*4=4000PCS
内包装泡沫
盒装入外纸
箱
270mm
490mm
350mm