

PIEZO BUZZER

Customer	
Customer P/O	
BeStar Model Name	BPT-35
Product No.	033200
Issue No.	BS/TEP01.150A
Issue Date	01/11/16

Approval:

- 1.Characteristic
- 2.Dimensions
- 3.Environmental Test
- 4.Appearance
- 5.Packing



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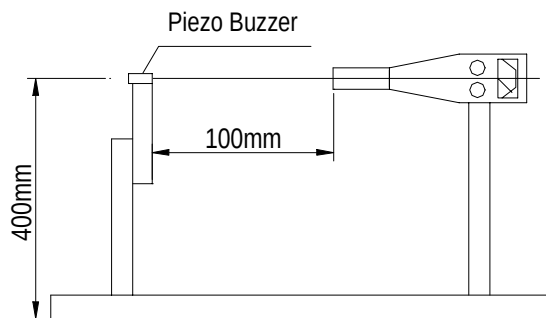
BPT-35

1. Characteristic:

★Electrical and Mechanical Characteristics

No.	Item	Specifications
1	Operating Voltage (Vp-p)	1...30
2	Rated Voltage (Vp-p, Square Wave)	10
3	a)Rated Current (mA)	max.3
4	Capacitance 120Hz (pF)	50000± 30%
5	a)Sound Output at 1.1KHz,10cm (dB)	min.85
6	Resonant Frequency (Hz)	1100± 500
7	Operating Temperature (° C)	-20...+60
8	Storage Temperature (° C)	-30...+80
9	Weight (g)	5.0
10	Base plate	copper
a)Value applying at rated voltage.		

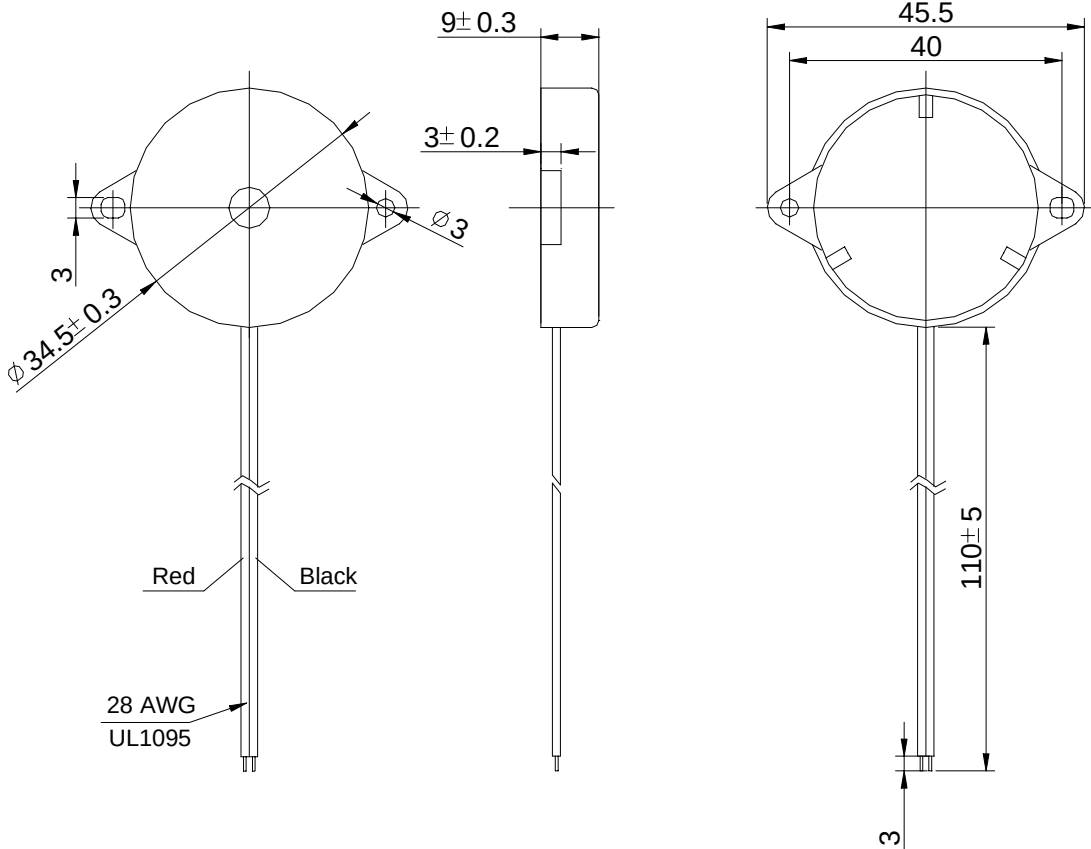
.Standard Output Measurement Setup



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2.Dimension:



Tolerance: ± 0.5
Unit: mm

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3.Environmental Test

3.1 High temperature test

Temperature

+80° C

Duration

96hrs

3.2 Low temperature test

Temperature

-30° C

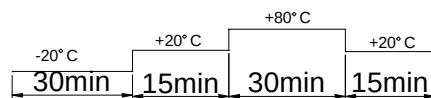
Duration

96hrs

3.3 Temperature cycle test

Cycles

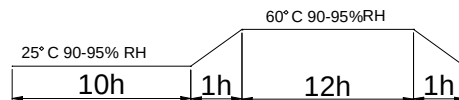
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3.4 Humidity cycle test

Cycles

5



All these tests above should be measured after leaving normal temperature for 3hrs.

3.5 Load Test

Power

10Vp-p

Duration

96hrs

3.6 Drop test

Height

70cm

(to 10mm thickness woodenboard)

Direction

3

Time

10

Notice: All specifications must be satisfied in this condition.

After each test,there is no any degradation in appearance

and performance except SPL.SPL shall be meet $85 \pm 10\text{dB}/10\text{cm}$.

4.Appearance:

Appearance: without any rust and damage etc.

DIS.

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CHEC.

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3rd angle

APPR.

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projection

Piezo Buzzer



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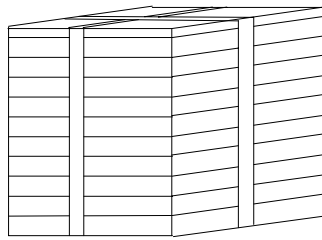
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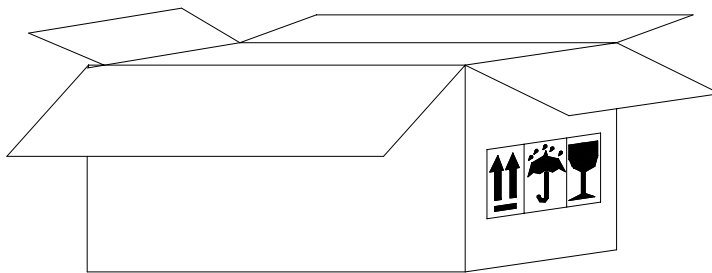
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5.Packing



10 trays



Remark:
68 pcs per tray
20 trays per carton
Total 1360pcs per carton
Size: 63X40X28.5(cm)

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