

PIEZO BUZZER

Customer	
Customer P/O	
Bestar Model Name	BPT-40X
Product No.	041100
Issue No.	BS/TEP01.077A
Issue Date	01/06/01

Approval:

- 1.Characteristic
- 2.Drawing
- 3.Reliability Test



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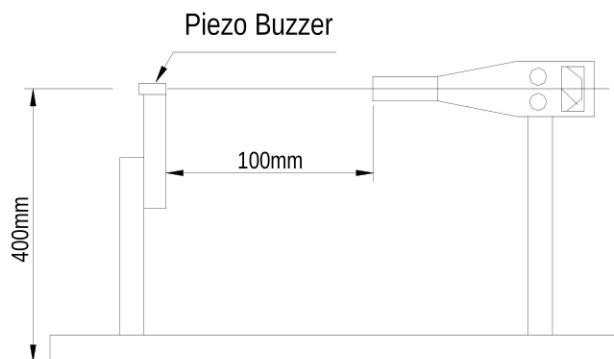
BPT-40X

1. Characteristic

Electrical and Mechanical Characteristics

No.	Item	Specifications
1	Rated Voltage(V)	12
2	Operating Voltage(V)	3...24
3	a)Rated Current(mA)	max.12
4	a)Sound Output at 10cm(dB)	min.100
5	a)Resonant Frequency(Hz)	2800± 500
6	Operating Temperature(° C)	-20...+60
7	Storage Temperature(° C)	-30...+70
	a)Value applying at rated voltage(DC).	

.Standard Output Measurement Setup



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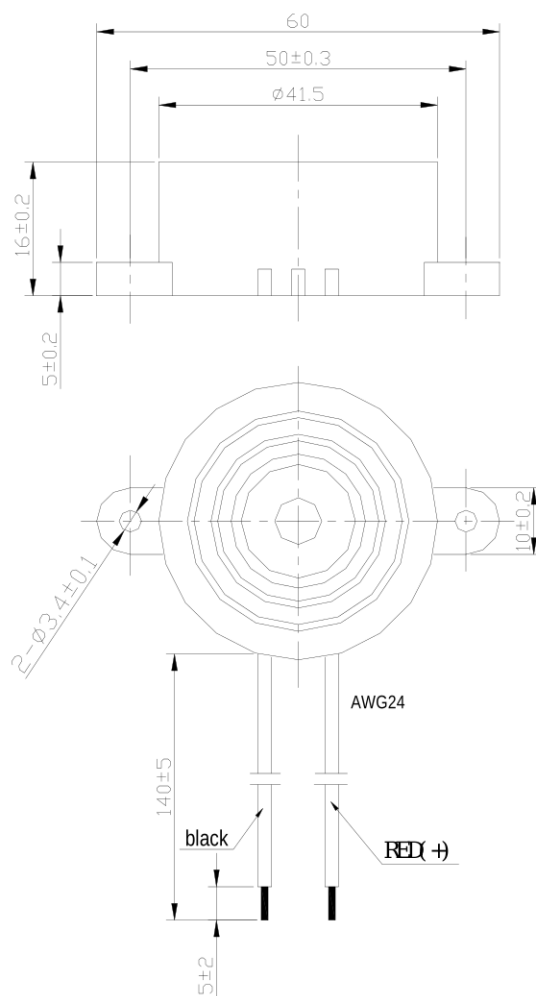
BPT-40X

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BPT-40X

2. Drawing



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3. Reliability test

3.1 high temperature test

Temperature +60° C

Duration 96hrs

3.2 low temperature test

Temperature -20° C

Duration 96hrs

3.3 temperature cycle test

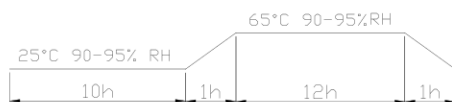
Cycles 5



all these tests above should be measured after leaving normal temperature for 2hrs.

3.4 Humidity cycle test

Cycles 5



all these tests above should be measured after leaving normal temperature for 2hrs.

3.5 Life test in high temperature

Temperature +60° C

Duration 500hrs

load 20V

3.6 Life test in low temperature

Temperature -20° C

Duration 500hrs

Load 3V

3.7 Drop test

Height 70cm

(to 10mm thickness woodenboard)

Direction 3

Notice: All specification must be satisfied in this condition.

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