

PIEZO BUZZER

Customer	
Customer P/O	
Bestar Model Name	BPT2312H05W(BZ-10)
Issue No.	BS/TEP01.079A
Issue Date	02/07/01

Approval:

- 1.Ordering Information
- 2.Technical Terms
- 3.Drawing
- 4.Reliability Test
- 5.Standard Output Measurement Setup



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Item	Unit	Specification
Rated Voltage	V	12
Operating Voltage	V	1...30
*Rated Current	mA	Max. 10
*Sound Output at 4.0KHz/30cm	dB	Min.80
*Resonant Frequency	Hz	4000 ± 500
Capacitance at 120Hz	pF	24000 ± 30%
Operating Temperature	℃	-20...+60
Storage Temperature	℃	-30...+70
Weight	g	2

3. Drawing

Technical drawing of a cable assembly showing side and end views with dimensions.

Side View Dimensions:

- Overall length: $\phi 23.0$
- Inner diameter: 3
- Outer diameter: 5

End View Dimensions:

- Overall width: 34
- Inner diameter: 28
- Outer diameter: 3.3
- Inner diameter: 2.2

Material and Color Specifications:

- Red: 120 ± 5
- Black: 4 ± 1
- UL1095 AWG 28#

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4. Reliability test

4.1 High temperature test

Temperature +60° c

Duration 96hrs

4.2 Low temperature test

Temperature -20° c

Duration 96hrs

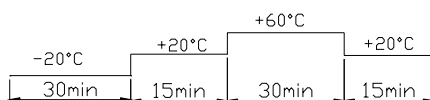
4.3 Life test in normal temperature

Power supply rated voltage

Duration 1000hrs

4.4 Temperature cycle test

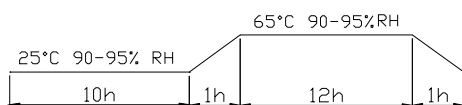
Cycles 5



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

4.5 Humidity cycle test

Cycles 5



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

4.6 Drop test

Height 70cm

(to 10mm thickness woodenboard)

Direction 3

Notice: All specification must be satisfied in this condition.

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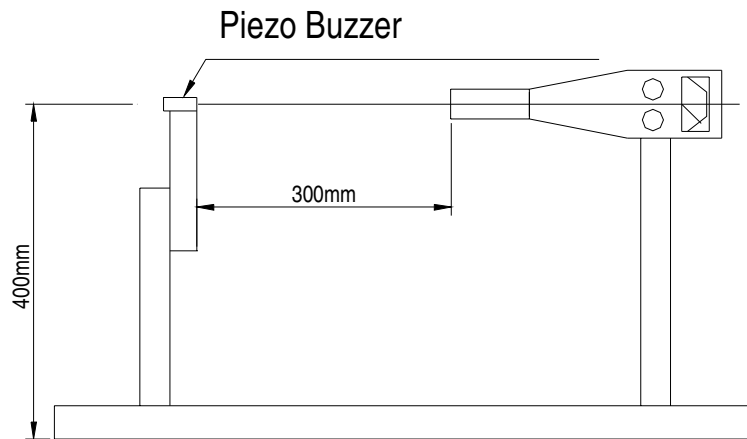


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5. Standard Output Measurement Setup



Normal Test Condition

Temperature 5~35℃

Humidity 45~85%

Atmosphere 645~795mmHg

If in the normal test there is any doubt in judgement, the test conditions could be as follows;

Temperature 20± 2℃

Humidity 60~70%

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