

# ELECTRONIC SIREN

Customer	
Customer P/O	
Bestar Model Name	BPS-4510
Issue No.	BS/TEA01.006A
Issue Date	02/07/01

Approval:

- 1.Ordering Information
- 2.Technical Terms
- 3.Drawing
- 4.Reliability Test

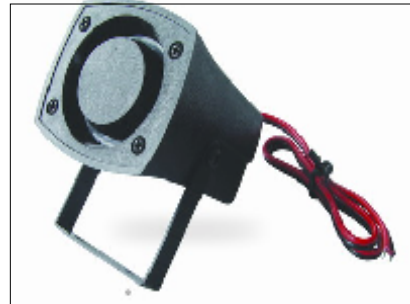


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## BPS-4510

### 1. Ordering Information

BPS-4510  
BPS: BeStar Piezo Siren



### 2. Technical Terms

Item	Unit	Specification
Rated Voltage(DC)	V	12
Operating Voltage(DC)	V	6...12
*Rated Current	mA	max.250
*Sound Output at 100cm	dB	min.90
*Resonant Frequency	K Hz	1.5~3.5
Shell Material/Color		ABS/Black
Tone Nature		SIREN
Operating Temperature	°C	-20...+60
Storage Temperature	°C	-30...+70
Weight	g	65

\*Value applying at rated voltage(DC).

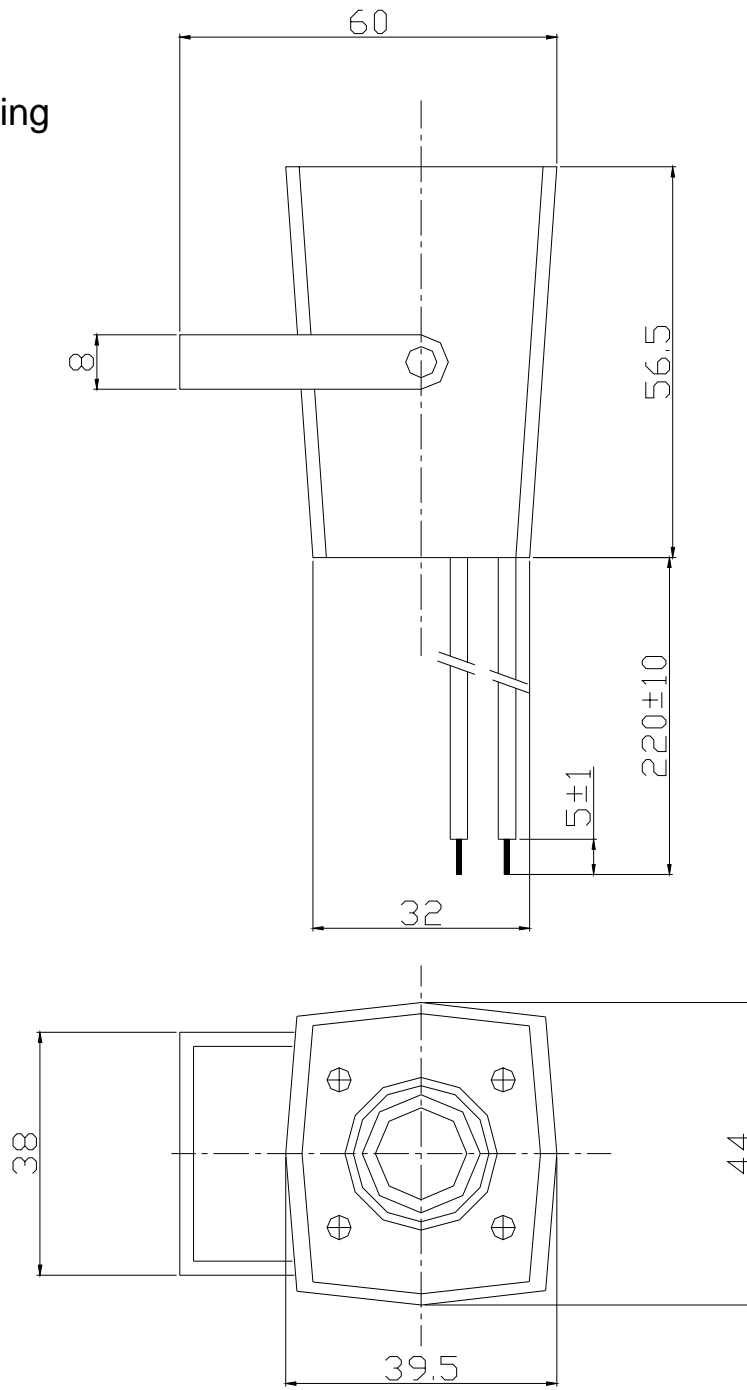
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DIS.		DATE		Page:1 of 3	BPS-4510
CHEC.		DATE		3rd angle projection	Alarm
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BPS-4510

3. Drawing



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## BPS-4510

### 4. Reliability test

#### 4.1 High temperature test

Temperature +60° C  
 Duration 96hrs

#### 4.2 Low temperature test

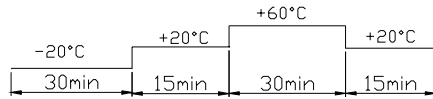
Temperature -20° C  
 Duration 96hrs

#### 4.3 Life test in normal temperature

Power supply rated voltage  
 Duration 1000hrs

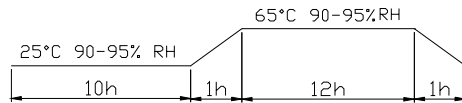
#### 4.4 Temperature cycle test

Cycles 5



#### 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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