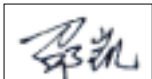
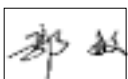


PIEZO BUZZER

Customer	
Customer P/O	
BeStar Model Name	BPT380XAP24VDC
Product No.	041003
Issue No.	BS/TEP01.166A
Issue Date	03/05/09

Approval:

- 1.Characteristic
- 2.Dimension
- 3.Reliability Test
- 4.Packing

Prepared	Chec.	Appr.	Revision		
			No.	Date	Contents
王善梅			0	03/05/09	
			1		
			2		
			3		



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BPT380XAP24VDC

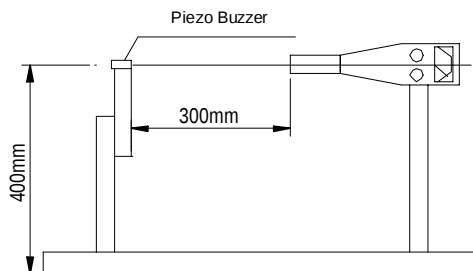
1. Characteristic

Electrical and Mechanical Characteristics



No.	Item	Specifications
1.	Operating Voltage (V_{DC})	10-28
2.	Rated Voltage (V_{DC})	24
3.	a) Supply Current (mA)(MAX)	20
4.	a) Sound Pressure Level at 30 cm(dB)(MIN)	95
5.	a) Resonant Frequency(Hz)	2900 ± 500
6.	@Tone Nature	FAST PULSE
7.	Operating Temperature($^{\circ}C$)	-20...+60
8.	Storage Temperature($^{\circ}C$)	-30...+70
	a) Value applying at rated voltage	
	@ Rated Pulse $3 \pm 20\%$ Hz	

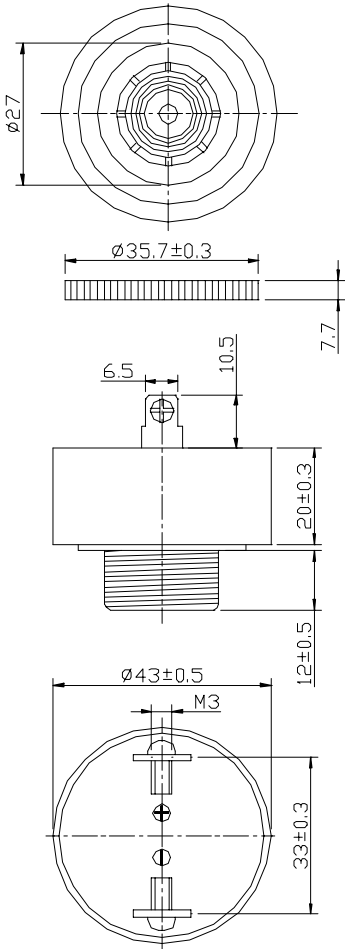
★ Standard Output Measurement Setup



DIS .	王善梅	DATE	03/05/09	Page:1 of 3	BPT380XAP24VDC
CHEC.		DATE	03/05/09	3rd angle projection	Piezo Buzzer
APPR.		DATE	03/05/09		DRG NO BS/TEP01.166A
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BPT380XAP24VDC

2. Dimension



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BPT380XAP24VDC

3. Reliability test

3.1 high temperature test

Temperature +70 °C
Duration 96hrs

3.2 low temperature test

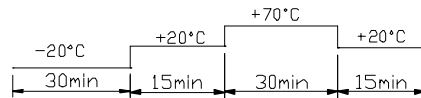
Temperature -30 °C
Duration 96hrs

3.3 life test in normal temperature

Power supply 24V
Duration 500hrs

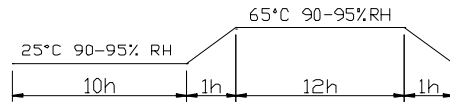
3.4 temperature cycle test

Cycles 5



3.5 Humidity cycle test

Cycles 5



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

3.6 Drop test

Height 70cm
(to 10mm thickness woodenboard)
Direction 3

Notice: All specification must be satisfied in this condition.

4.Packing

4.1 Packing Quantity :1pcs per small box
250pcs per carton
carton size 49x25x30cm,

DIS .

王善梅

DATE

03/05/09

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BPT380XAP24VDC

CHEC.

DATE

03/05/09

3rd angle
projection

APPR.

DATE

03/05/09

Piezo Buzzer



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