BeStar	SPECIFICATION FOR PIEZO BUZZER			
	TOTAL PAGE	06	www.be-star.com	RoHS

Customer		Model Name	BPT4334CP12VDCB-100dB-01
Customer P/N		Product No.	033829
Date	19 June. 2012	Issue No.	BS/TEP01.821A
Page	01 of 06	Issue Date	2012/06/19

Approval:

1.Characteristics
2.Drawing
3.Reliability Test
4.Packing
5.History change record

Drawn by	Checked by	Approved by	Customer approved

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No.199 HuangHe West Road,New district,ChangZhou,JiangSu Province,P.R.China
Tel: +86 519 88222567 ***Fax:*** +86 519 88222551
E-mail:wu@be-star.com ***http://www.be-star.com***

SPECIFICATION
FOR PIEZO BUZZER

TOTAL PAGE	06	www.be-star.com	RoHS

Customer		Model Name	BPT4334CP12VDCB-100dB-01
Customer P/N		Product No.	119822
Date	19 June. 2012	Issue No.	BS/TEP01.361A
Page	01 of 06	Issue Date	2012/06/19

Approval:

1.Characteristics
2.Drawing
3.Reliability Test
4.Packing
5.History change record

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BPT4334CP12VDCB-100dB-01



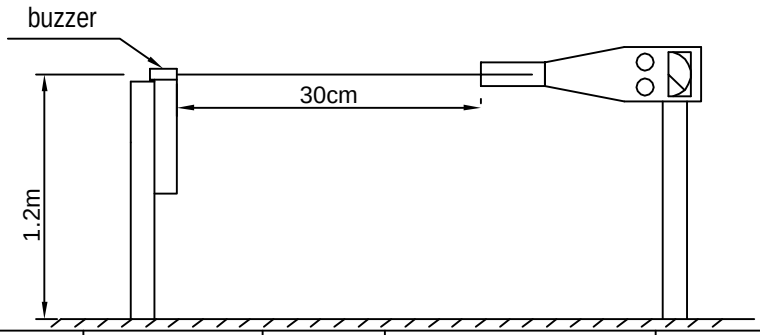
1. Characteristics

1.1 Electrical and Mechanical Characteristics

No.	Item	Specifications
1.	Operating Voltage	3-18VDC
2.	Rated Voltage	12VDC
3.	a)Supply Current	Max.20mA
4.	a)Sound Pressure Level at 30cm	≥100dB
5.	a)Resonant Frequency	2900±500Hz
6.	a) Tone Pin3(+) & Pin2(-) Tone Pin1(+) & Pin2(-) Tone Pin1(+),Pin3(+) & Pin2(-)	Constant Pulse Pulse
7.	Operating Temperature	-20...+75°C
8.	Storage Temperature	-25...+75°C
9.	Colour	Black
10.	Material of housing	ABS
11.	Weight	40g±20%
	a) Value applying at rated voltage	
	IP Classification IP65	

1.2 Test Method

The Piezo Buzzer is located in a free field or an equivalent fully anechoic room. The microphone is directed toward the buzzer sound output openting along the zero degree axis and at the distance specified by the test requirement.



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				Approved by:	程久生

BPT4334CP12VDCB-100dB-01

Piezo Buzzer

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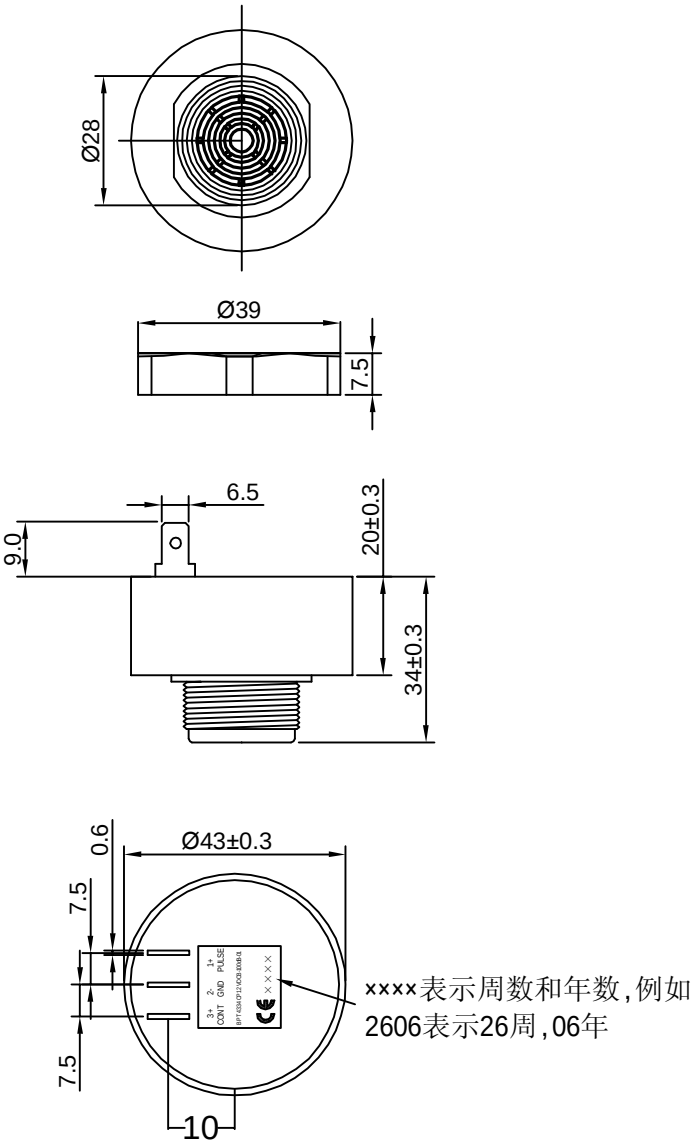
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BPT4334CP12VDCB-100dB-01

2. Drawing

Unit:mm Tolerance:±0.3mm



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Rev.	Date	Drawn	Note	Approved by:	程久生	
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BPT4334CP12VDCB-100dB-01

3. Reliability Test

3.1 high temperature test

Temperature	+75°C
Duration	96hrs

3.2 low temperature test

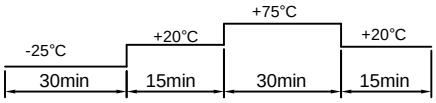
Temperature	-20°C
Duration	96hrs

3.3 life test in normal temperature

Power supply	12V
Duration	500hrs

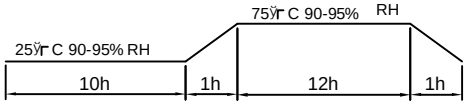
3.4 temperature cycle test

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 (to 10mm thickness woodenboard)	70cm
Direction	3

Notice: All specification must be satisfied in this condition.

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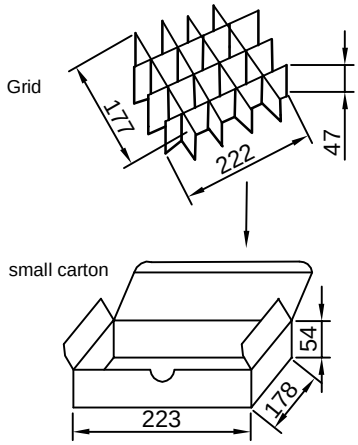
Piezo Buzzer

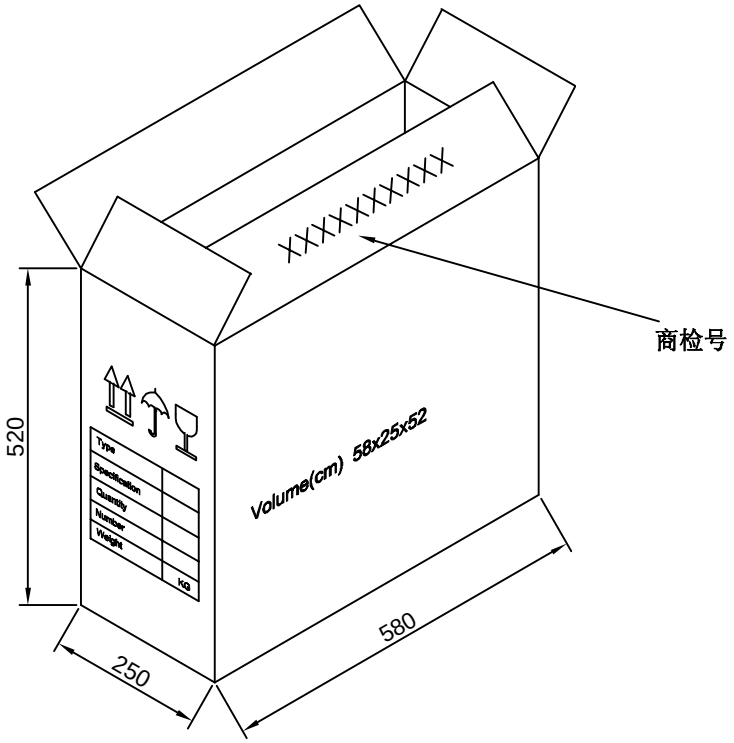
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4.Packing

Packing Quantity :20pcs per box
500pcs per carton
carton size 58x25x52cm,





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BPT4334CP12VDCB-100dB-01

5. History change record

version No.	Change Items		Date	Drawn	Approved
	Before	After			
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