Bestar 博士達	SPECIFICATION FOR PIEZO BUZZER			
	TOTAL PAGE	06	www.be-star.com	RoHS

Customer		Model Name	BPT2612XH22 LF
Customer P/N	X-2628-TT-2-R	Product No.	040918
Date	24 Feb.10	Issue No.	BS/TEP01.642C
Page	01 of 06	Issue Date	10/04/19

Approval：

1.Characteristics
2.Dimension
3.Reliability Test
4.Packing
5.Notice
6.History change record

Drawn by	Checked by	Approved by	Customer approved

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BPT2612XH22 LF

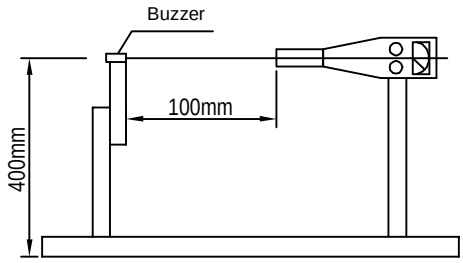
1. Characteristics

1.1 Electrical and Mechanical Characteristics

No.	Item	Specification
1.	Rated Voltage	12 VDC
2.	Operating Voltage	5...18VDC
3.	a)Rated Current	max.50mA
4.	a)Sound Output at 10cm	Min.106dB
5.	Tone Characteristic	Continuous
6.	Resonant Frequency	2.8± 0.5 KHz
7.	Operating Temperature	-20...+65° C
8.	Storage Temperature	-30...+70° C
9.	Weight	12g ± 25%
	a)Value applying at rated voltage.(VDC)	

1.2 Test method:

No reaction in space with in 400mm in all direction



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				Drawn by:	廖明才
B	10/04/19	廖明才		Checked by:	陈小东
Rev.	Date	Drawn	Note	Approved by:	程久生

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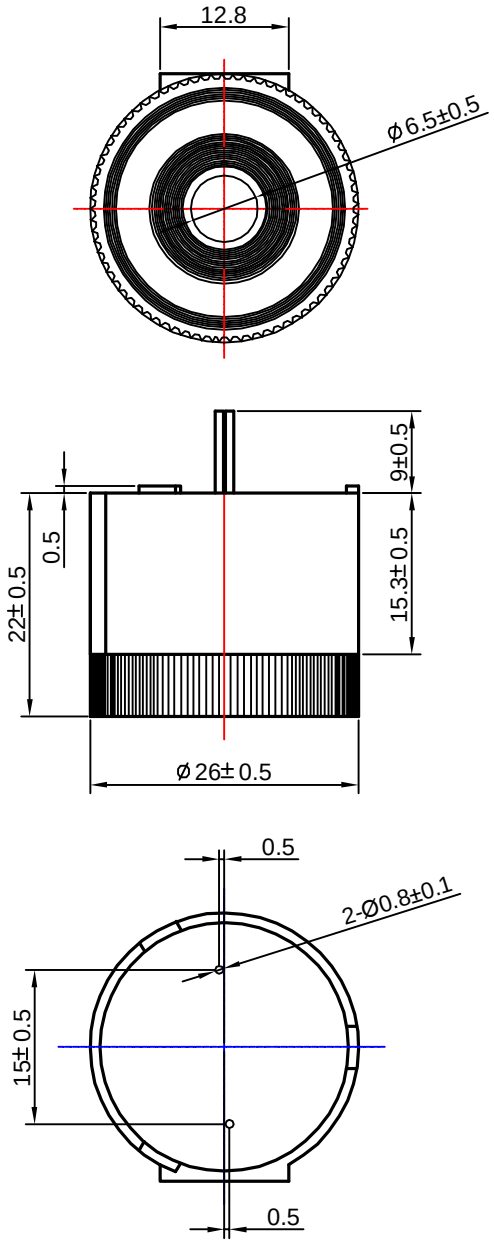
Piezo Buzzer

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2. Dimension

Tolerance:±0.3 Unit:mm



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3. Reliability test

3.1 high temperature test

Temperature	+70 ° C
Duration	96hrs

3.2 low temperature test

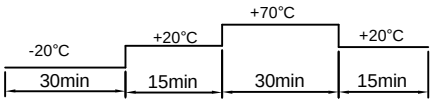
Temperature	-40 ° C
Duration	96hrs

3.3 life test in normal temperature

Power supply	12V
Duration	500hrs

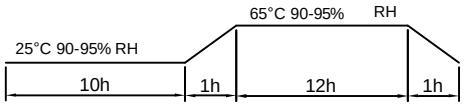
3.4 temperature cycle test

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	70cm
(to 10mm thickness woodenboard)	
Direction	3

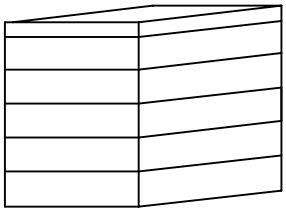
Notice: All specification must be satisfied in this condition.

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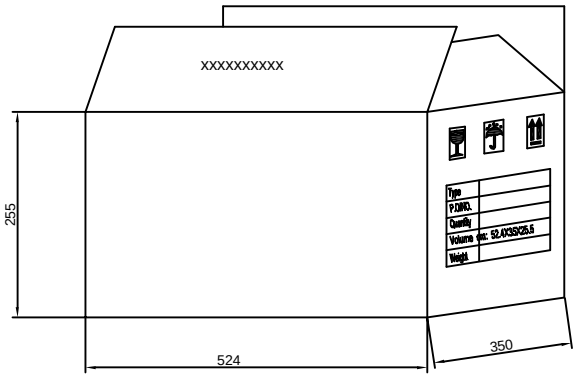
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4. Packing



packing quantity

1)40pcs/tray
2)10trays/carton
3)400 pcs/carton in total
4)carton size 52.4x35x25.5cm



5.Notice

5.1 The products mustn't be washed
5.2 **Storage Condition**
The products should be stored in the room ,where the temperature/humidity is stable. And avoid such places where there are large temperature changes. Please store the products at the following conditions:
Temperature: -10 to + 40°C Humidity: 15 to 85% R.H.
5.3 **Expire Date on Storage**
Expire date (Shelf life) of the products is six months after deliveried under the conditions of a sealed and an unopened package. Please use the products within six months after deliveried.
If you store the products for a long time (more than six months), use carefully because the products may be degraded in the solderability and/or rusty.Please confirm solderability and characteristics for the products regularly.
5.4 **Notice on Product Storage**
(1) Please do not store the products in a chemical atmosphere (Acids, Alkali, Bases, Organic gas, Sulfides and so on), because the characteristics may be reduced at quality, and/or be degraded in the solderability due to the storage in a chemical atmosphere.
(2) Please use the products immediately after the package is opened, because the characteristics may be reduced at quality, and/or be degraded in the solderability due to storage under the poor condition.
(3) Please do not drop the products to avoid cracking of ceramic element.

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6. History change record

version No.	Change Items		Date	Drawn	Approved
	Before	After			
A			08/12/29	张尚君	程久生
B		change the name	10/02/24	廖明才	程久生
C		change the length of pin	10/04/24	廖明才	程久生

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