



**APPROVAL SHEET
FOR
PIEZO BUZZER**

常州富鸿达电子有限公司

CHANG ZHOU FHD ELECTRONICS CO., LTD.

CUSTOMER:

CLUE No.:

MODEL NUMBER: BPC3630H-1228-SP

OUR PART NUMBER:

CUSTOMER PART No.:

CUSTOMER	APPROVED	CHECKED

Add: Xujia Industrial Park, ZhenLu Town, Changzhou City, Jiangsu China.

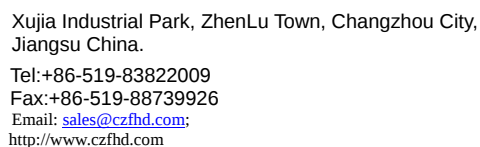
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2. Technical Parameter Measuring condition

Part shall be measured under a condition (Temperature: 5~35℃, Humidity: 45%~85%R.H., Atmospheric pressure: 860 ~1060hPa) unless the standard condition (Temperature: 25±3℃, Humidity: 60±10%R.H. Atmospheric pressure: 860 ~1060hPa) is regulated to measure.

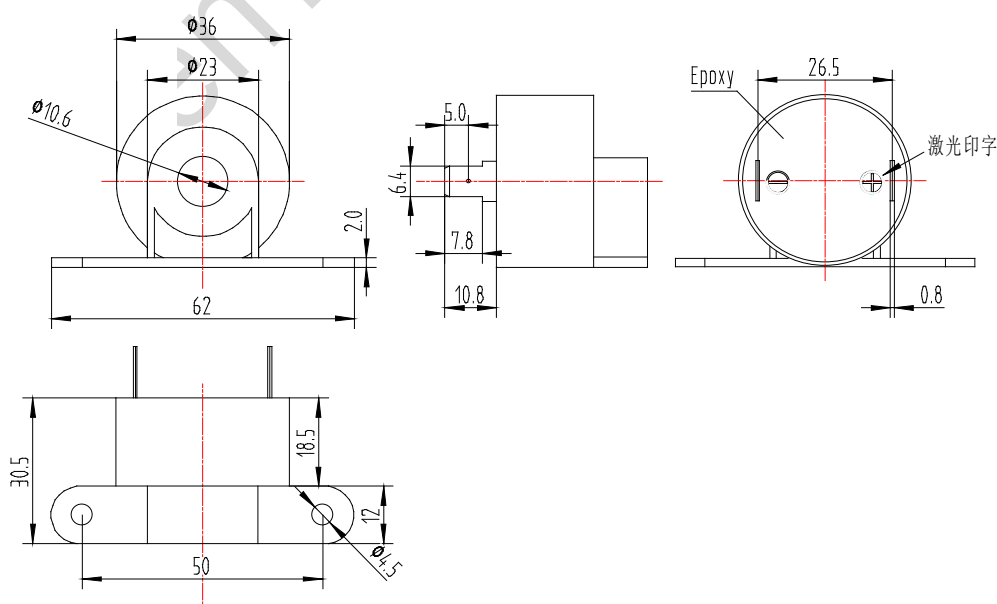


1	Rated Voltage	12VDC
2	Operating Voltage	6 - 15 VDC
3	Rated Current	Max.25mA, at 12VDC
4	Sound Output	Min 90dB / at 10 cm, at 12VDC
5	Resonant Frequency	2800 ± 500 Hz
6	Tone	Slow Pulse
7	Operating Temperature	-20 - +70℃
8	Storage Temperature	-30 - +80℃
9	RoHS	Yes
10	Weight	Approx 18g

3. Dimensions

Unit: mm

Tolerance: ±0.5mm Except Specified



*Housing Material: Black ABS

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4. Reliability Test

After any following tests the part shall meet specifications without any degradation in appearance and performance except SPL. SPL shall not deviate more than -10 dB from the initial value

4.1 Ordinary Temperature Life Test

The part shall be subjected to 96 hours at $25 \pm 10^\circ\text{C}$. Input rated voltage
Resonant frequency, 1/2 duty Square wave.

4.2 High Temperature Test

The part shall be capable of with standing a storage temperature of $+80^\circ\text{C}$ for 96 hours.

4.3 Low Temperature Test

The part shall be capable of with standing a storage temperature of -30°C for 96 hours.

4.4 Humidity Test

Temperature: $+40^\circ\text{C} \pm 3^\circ\text{C}$ Relative Humidity: 90%~95% Duration: 48 hours
and expose to room temperature for 6 hours

4.5 Temperature Shock Test

Temperature: 70°C /1hour $\rightarrow$ 25°C /3hours $\rightarrow$ -30°C /1hour $\rightarrow$ 25°C /3hours (1cycle)
Total cycle: 10 cycles

4.6 Drop Test

Standard Packaging From 75cm (Drop on hard wood or board of 5cm thick,
three sides, six plain.)

4.7 Vibration Test

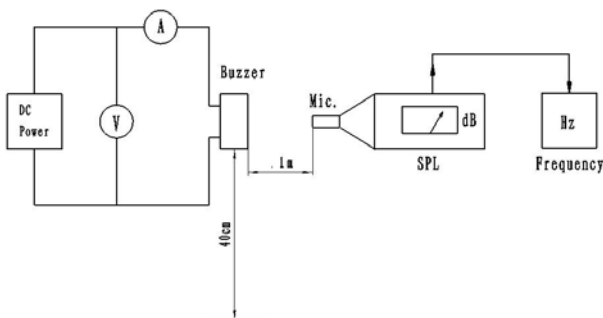
Vibration: 1000 cycles /min. Amplitude: 1.5mm, Duration: 1 hour in each 3 axes

Note:

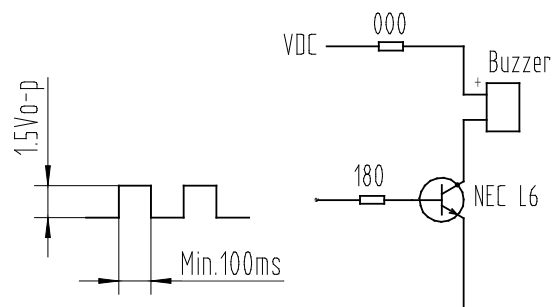
As this product is not protected from foreign material entering, please make sure that any foreign materials (e.g. magnetic powder, washing solvent, flux, corrosive gas) do not enter this product in your production processes. The functional degradation (e.g. SPL down) may occur if foreign material enter it.

5. Electrical And Acoustical Measuring Condition

a) Recommended Setting



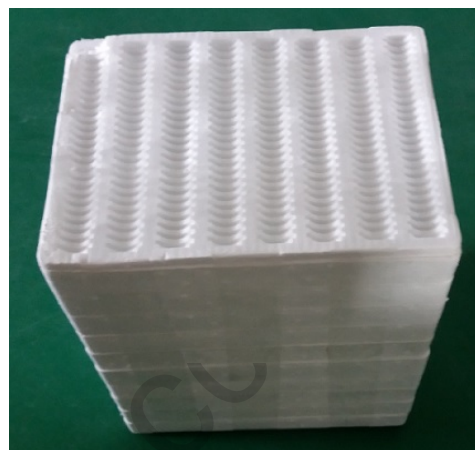
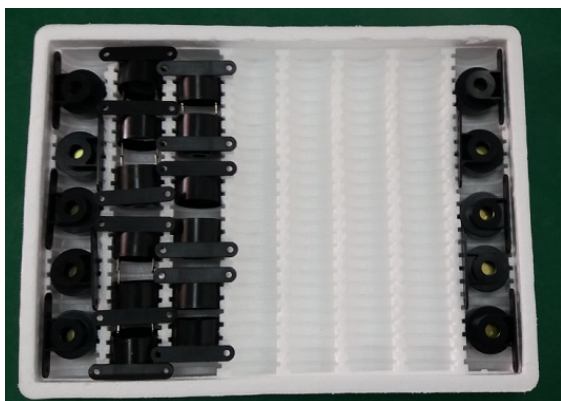
b) Recommended Test Circuit



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6. Packing

6.1 泡沫盒 46PCS/盒 ,尺寸: 38*28*5.5cm



6.2 9 盒一箱, 414PCS/箱 , 外箱尺寸 48*39*30cm



净重: 7.3kg

毛重: 9.5kg