



APPROVAL SHEET
FOR
PIEZO BUZZER

常州富鸿达电子有限公司

CHANG ZHOU FHD ELECTRONICS CO., LTD.

CLUE No.:

MODEL NUMBER: BPC3633M-110V (可调音)

OUR PART NUMBER:

DOCUMENT No.:

| CUSTOMER | APPROVED | CHECKED |
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| | | |

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| Model No.: BPC3633M-110V | Part No. | Chk. | Apr. |
| | | Jiang Yin | |

1. Document revision history

| 修改时间 | 版本 | 修改页次 | 修改内容 | 确认人 |
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2. Technical Parameter Measuring condition

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

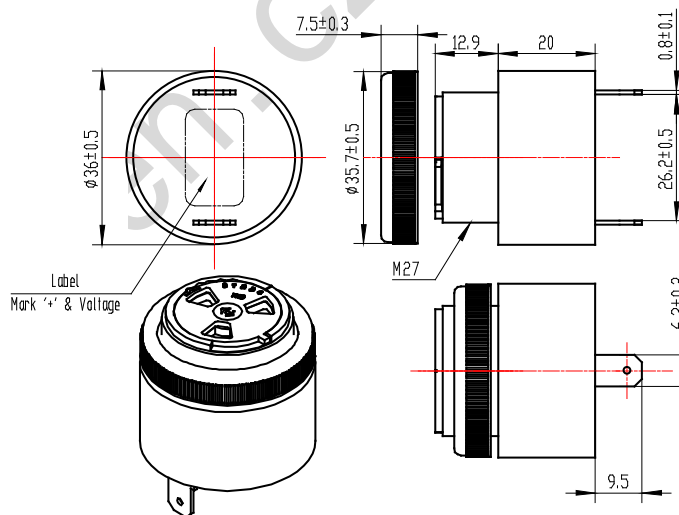


| | | |
|---|-----------------------|---------------------------|
| 1 | Net Weight | Approx 22g |
| 2 | Rated Voltage | 110 VDC |
| 3 | Operating Voltage | 65~140 VDC (55VDC 以下不响) |
| 4 | Rated Current | Max.20mA at 110VDC |
| 5 | Sound Output | Min. 100dB at 110VDC,10cm |
| 6 | Resonant Frequency | 2900±500Hz |
| 7 | Tone | Continuous |
| 8 | Operating Temperature | -30°C~+70°C |
| 9 | Store Temperature | -40°C~+85°C |

3. Dimensions

Unit: mm

Tolerance: ± 0.5mm Except Specified



*Housing Material: Black 无卤 PPO

请注意可调出音孔档位放至第四档, 如图示。成品 55V 全检出货

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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 $+70^\circ\text{C}$ 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

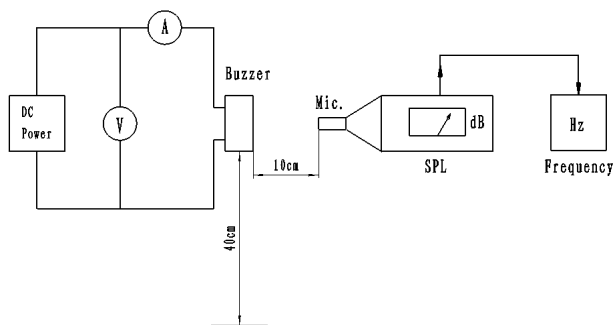
Vibration: 1000cycles /min. Amplitude: 1.5mm, Duration: 1 hour in each 3 axes

Note:

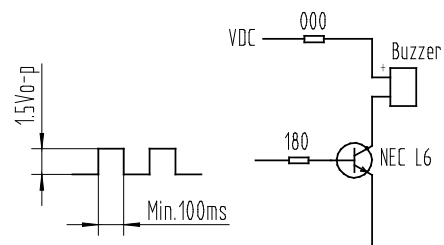
As this product is not protected from foreign material entering, please make sure that any foreign materials (e.g. magnetic powder, washing solvent, flux, corrosive gas) do not enter this product in your production processes. The functional degradation (e.g. SPL down) may occur if foreign material enter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

5. Electrical And Acoustical Measuring Condition

a) Recommended Setting



b) Recommended Test Circuit



Buzzer在电源电压超过0.7VDC时即可起振；但在电源电压小于4VDC时，电路频率会下降，SPL值也会降低较大；如要低电压使用，建议使用FHD的5VDC机种

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6. Packing

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| 包装要求 | 1. 泡沫盒 48PCS/盒 尺寸: 37.5*28*5.5 (40 喇叭用) 2. 外箱 240PCS/箱 (5 盒) 尺寸: 44*30.5*29 |
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泡沫盒 48PCS/盒



外箱 240PCS/箱 (5 盒)

