

SPECIFICATION FOR APPROVAL

承 认 书

Description :

Vender's Part No. :

Customer's. Part No. : **PMB 3630H-12V**

Serial No. :

Version No. :

CUSTOMER'S APPROVED SIGNATURE		

PMB

상표등록 <제40-0729433호>

피 엠 비 일렉텍


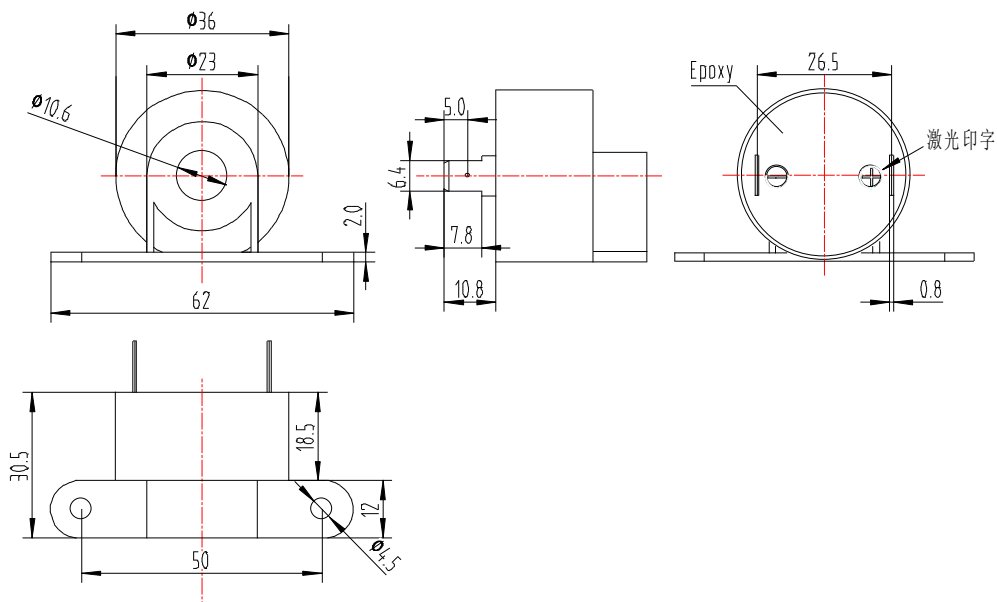
PMB ELECTECH

서울시 구로구 경인로53가길 10 대명벨리온 904호

전화 : 02-2619-0388(대)

팩스 : 02-2619-0346

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1、 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	Min100dB / 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
2、 Dimensions Unit: mm Tolerance: ±0.5mm Except Specified		
 <p>The technical drawings include: - A top view showing a circular component with an outer diameter of 36mm, an inner diameter of 23mm, and a central hole of 10.6mm. The mounting tabs are 2.0mm thick. The overall width is 62mm. - A side view showing a height of 6.4mm for the main body, a 5.0mm wide section, a 7.8mm wide section, and a total width of 10.8mm. - A bottom view showing a circular component with a diameter of 26.5mm, a central hole of 10.6mm, and a mounting tab of 0.8mm. The text 'Epoxy' and '激光印字' (Laser Printing) are indicated. - A side view of the mounting tabs showing a total width of 50mm, a height of 50.5mm, and a thickness of 12mm. The mounting tabs are 18.5mm high and 12mm thick.</p>		
*Housing Material: Black ABS		

3、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

3.1 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.

3.2 High Temperature Test

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

3.3 Low Temperature Test

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

3.4 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

3.5 Temperature Shock Test

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

3.6 Drop Test

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

3.7 Vibration Test

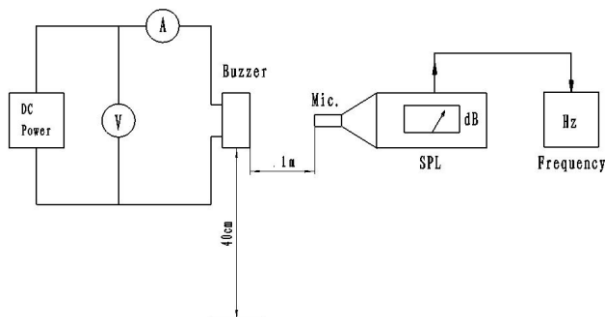
Vibration: 1000cycles /min. Amplitude: 1.5mm, Duration: 1 hour in each 3 axes

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.

4、Electrical And Acoustical Measuring Condition

a) Recommended Setting



b) Recommended Test Circuit

