

規格承認書

SPECIFICATION FOR APPROVAL

客戶
CUSTOMER :

項目
ITEM : 电磁式蜂鸣器 (外部驱动线路)

型號
TYPE : BL-PBZ1209C2405YB

客戶料號
CUSTOMER NO:

日期
DATE :

客戶認可

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东莞市博林电子有限公司
香港博林集团

地址: 广东省东莞市长安镇涌头工业区

业务专线:0769-81762778 85378891 业务傳真:0769-81769981

制单: 卢千

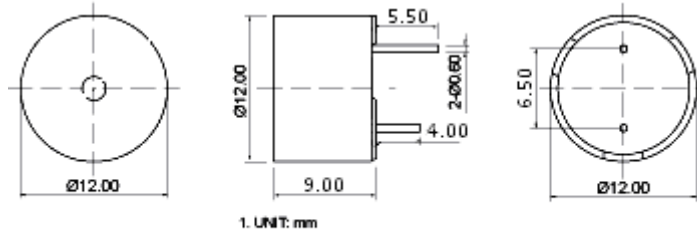
业务:

工程: 叶伟建

BOLIN TECHNICAL OF DONGGUAN CO.,LTD

BL-PBZ1209C2005YB

DIMENSIONS Unit:mm Tolerance: ± 0.5



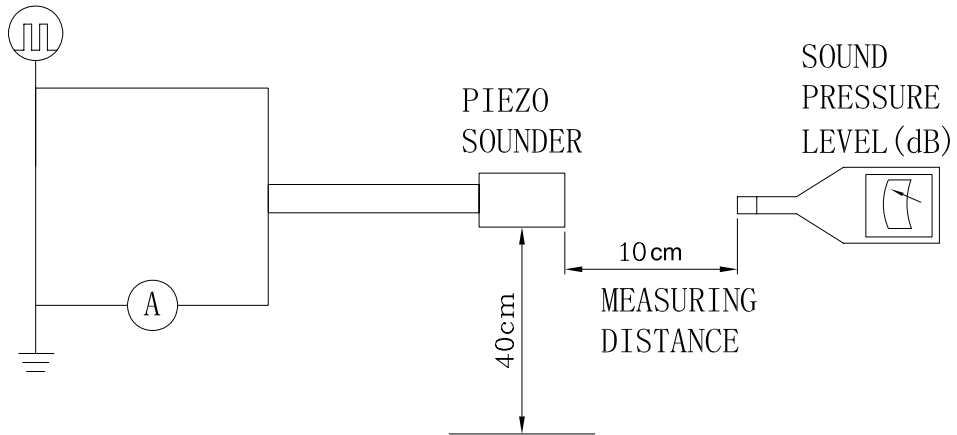
SPECIFICATIONS

Model NO	BL-PBZ1209C2005YB
Rated Voltage	5.0V
Operating Voltage	3.0~7.0V
Max.Rated Current	Max.50mA
sound Pressure level(dB)at10cm/2048HZ/5Vo-p	Min.85dB
Resonant Frequency	2400Hz
Coil Resistance	$47 \pm 6 \Omega$
Operating Temperature	-20 °C~+70 °C
Storage Temperature	-30 °C~+80 °C

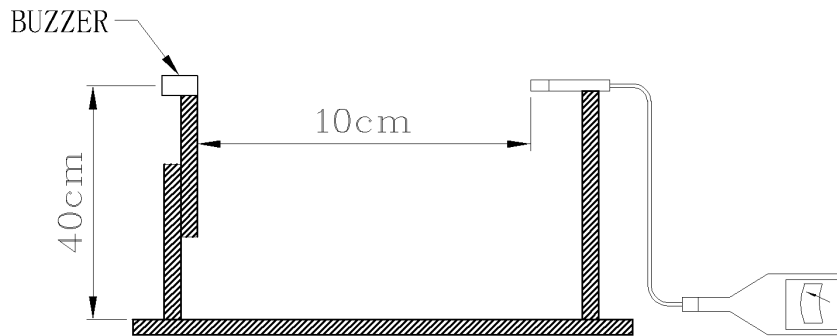
备注：焊接温度 260 °C，时间 3 秒以内。

Acoustic Characteristics:

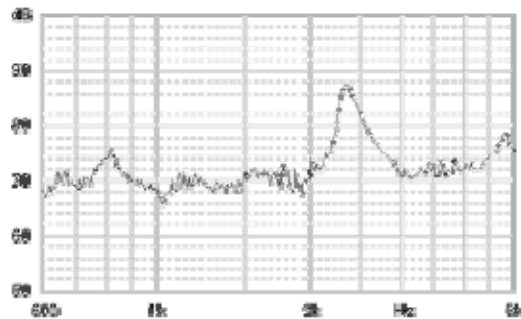
The oscillation frequency, current consumption and sound pressure are measured by the measuring instruments shown below

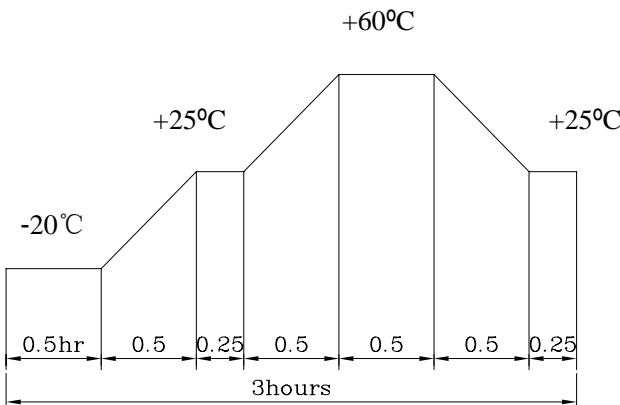


In the measuring test, buzzer is placed as follows:



Typical Frequency Response Curve



NO.	ITEM	TEST CONDITION AND REQUIREMENT
1	High Temperature Test (Storage)	After being placed in a chamber with $60 \pm 2^\circ\text{C}$ for 48 hours and then being placed in normal condition for 2 hours. Allowable variation of SPL after test: $\pm 10\text{dB}$.
2	Low Temperature Test (Storage)	After being Placed in a chamber with $-20 \pm 2^\circ\text{C}$ for 48 hours and then being placed in normal condition for 2 hours. Allowable variation of SPL after test: $\pm 10\text{dB}$.
3	Humidity Test	After being Placed in a chamber with 90-95% R.H. at $40 \pm 2^\circ\text{C}$ for 48 hours and then being placed in normal condition for 2 hours. Allowable variation of SPL after test: $\pm 10\text{dB}$.
4	Temperature Cycle Test	The part shall be subjected to 5 cycles. One cycle shall be consist of:  <p>The diagram shows a temperature cycle profile over a 3-hour period. It starts at -20°C for 0.5 hours, then ramps up to $+25^\circ\text{C}$ in 0.5 hours, holds at $+25^\circ\text{C}$ for 0.25 hours, ramps up to $+60^\circ\text{C}$ in 0.5 hours, holds at $+60^\circ\text{C}$ for 0.5 hours, ramps down to $+25^\circ\text{C}$ in 0.5 hours, holds at $+25^\circ\text{C}$ for 0.25 hours, and finally ramps down to -20°C in 0.5 hours. The total duration is 3 hours.</p> Allowable variation of SPL after test: $\pm 10\text{dB}$.
5	Vibration Test	After being applied vibration of amplitude of 1.5mm with 10 to 55 Hz band of vibration frequency to each of 3 perpendicular directions for 1 hours . Allowable variation of SPL after test: $\pm 10\text{dB}$.
6	Solderability Test	Lead terminals are immersed in rosin for 3 seconds and then immersed in solder bath of $+300 \pm 5^\circ\text{C}$ for 3 seconds . 90% min. lead terminals shall be wet with solder (Except the edge of terminals).
7	Terminal Strength Pulling Test	The force of 5N is applied to each terminal in axial direction for 5 seconds. No visible damage and cutting off.

TEST CONDITION.

Standard Test Condition : a) Temperature : $+5 \sim +35^\circ\text{C}$ b) Humidity : 45-85% c) Pressure : 860-1060mbar
 一般测试条件 : a) 温度 : $+5 \sim +35^\circ\text{C}$ b) 湿度 : 45-85% c) 气压 : 860-1060mbar
 Judgment Test Condition : a) Temperature : $+25 \pm 2^\circ\text{C}$ b) Humidity : 60-70% c) Pressure 860-1060mbar
 争议时测试条件 : a) 温度 : $+25 \pm 2^\circ\text{C}$ b) 湿度 : 60-70% c) 气压 : 860-1060mbar

