



<b>OBO Pro.2</b>	<b>SPECIFICATIONS</b>	<b>MODEL NO.</b> OBO-1205G-A1 2008 DEC 27 文件发行章
	<b>PART NAME</b> Magnetic Transducer	<b>SHEET</b> 2 OF 4

**MODEL NO : OBO-1205G-A1****Features : Conformity RoHS Directive ( 2002/95/EC ) Requests.****1. General Specifications :**

Items	SPEC
※ Sound Pressure Level	85(typ.92) dB min./10cm/DC 5V
Rated Voltage	DC 5V
Resonant Frequency	2000 Hz
※ Rated Current	40mA max./DC 5V
Coil Resistance	140±14 Ω
Operating Voltage	DC 3 to 7V
Housing Material	NORYL
Operating Temp. Range	-30°C to +70°C
Storage Temp Range	-30°C to +80°C
Weight	2.0 gms

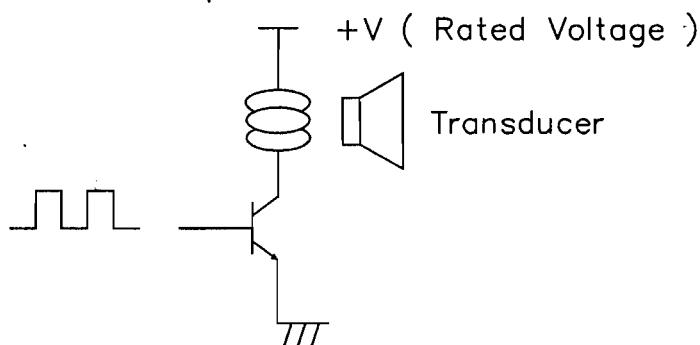
※ Applying rated voltage/ Resonant Frequency , 1/2 duty Square wave

**2. Recommended Driving Circuit:**

Signal:

Resonant frequency, 1/2 duty cycle, square wave.

signal amplitude should be large enough to saturate the transistor which drives the buzzer.



**OBO Pro.2**

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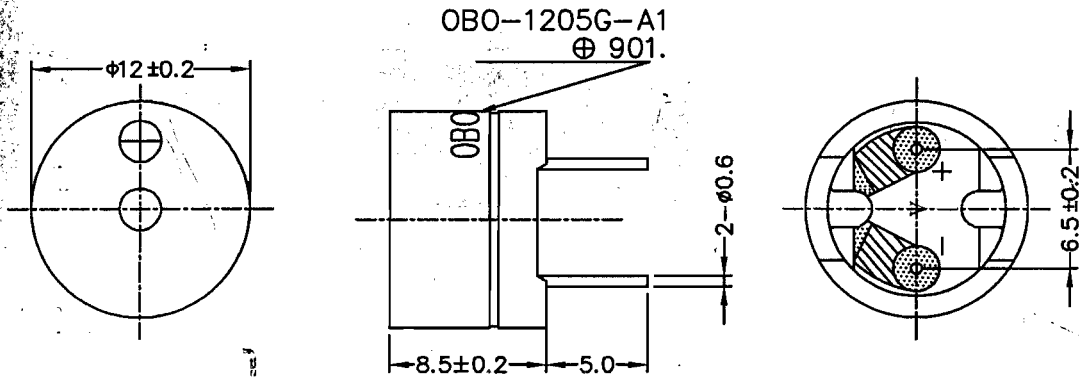
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**3. Mechanical Layout and Dimensions :**

3.1 Dimensions

Tolerance:  $\pm 0.5\text{mm}$  Unit: mm



Note : Meaning of Stamp Mark  
 901 : Production Lot No.  
 9 : Year 2009 (last 1 figures of the year)  
 01 : week (01~55)  
 OBO-1205G-A1 : Model No.

**4. Soldering Condition :**

4.1 Hand Soldering

Iron Tip Temperature	Soldering time
+ 380°C Max.	Duration 3 seconds Max.

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**5. Packing Information :**

