

<b>OBO Pro.2®</b>	<b>SPECIFICATIONS</b>	<b>MODEL NO.</b> OBO-1203M-A3
	<b>PART NAME</b> Magnetic Transducer	<b>SHEET</b> 1 OF 5

**ALTERNATION HISTORY**

Marking	Date	ECN NO.	REV.	Description	Page	PREPARE BY	APPROVE BY
※1	OCT,31'05	0508012	D	1.Conformity RoHS Directive ( 2002/95/EC ) Requests. 2.Change Packing. 3.Increase by Soldering Condition	5	簡沛玲	Jim
※2	JUL,12'06	0607004	E	Change Item 4,5.	3,4	馮仁如	葉可致 06

REV.	DATE	PREPARED BY	CHECKED BY	APPROVED BY
E	JUL,12,2006	LULU	葉可致 06	葉可致 06

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**MODEL NO : OBO-1203M-A3**

**Features : Conformity RoHS Directive ( 2002/95/EC ) Requests. ※1**

**1、General Specifications :**

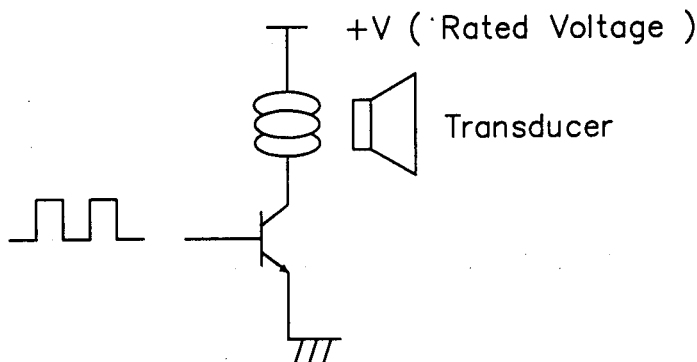
Items	Spec
※ Sound Pressure Level	85 dB min./10cm/ DC 3V
Rated Voltage	DC 3V
Resonant Frequency	2048
※ Rated Current	70 mA max./ DC 3V
Coil Resistance	16 ± 2Ω
Operating Voltage	DC 1 to 5V
Housing Material	NORYL
Operating Temp. Range	-20°C to +60°C
Storage Temp Range	-30°C to +70°C
Weight	1.3 gms

※ 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.

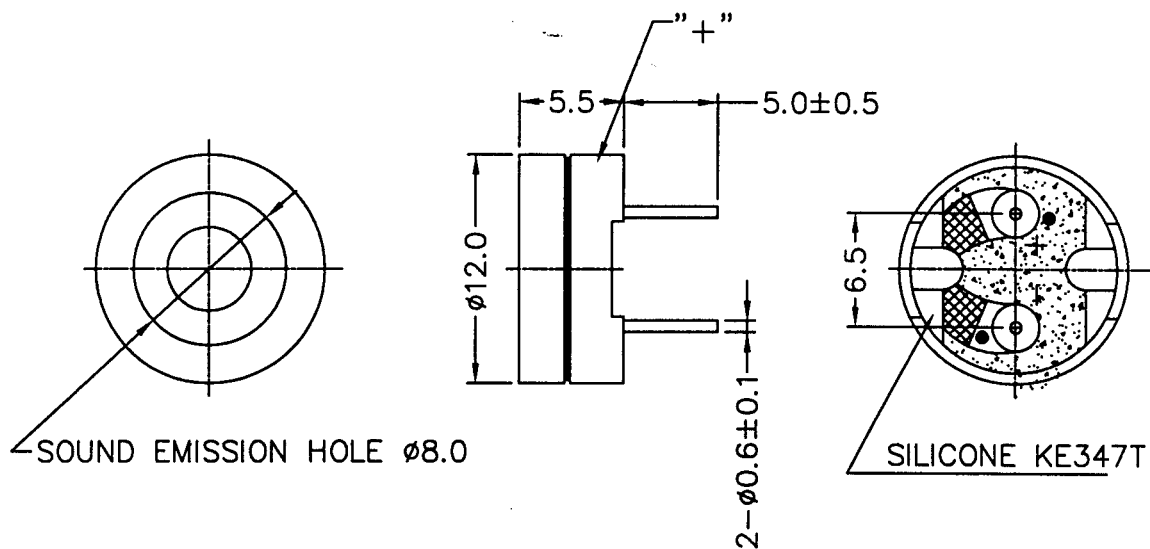


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### 3. Mechanical Layout and Dimensions :

#### 3.1 Dimensions

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



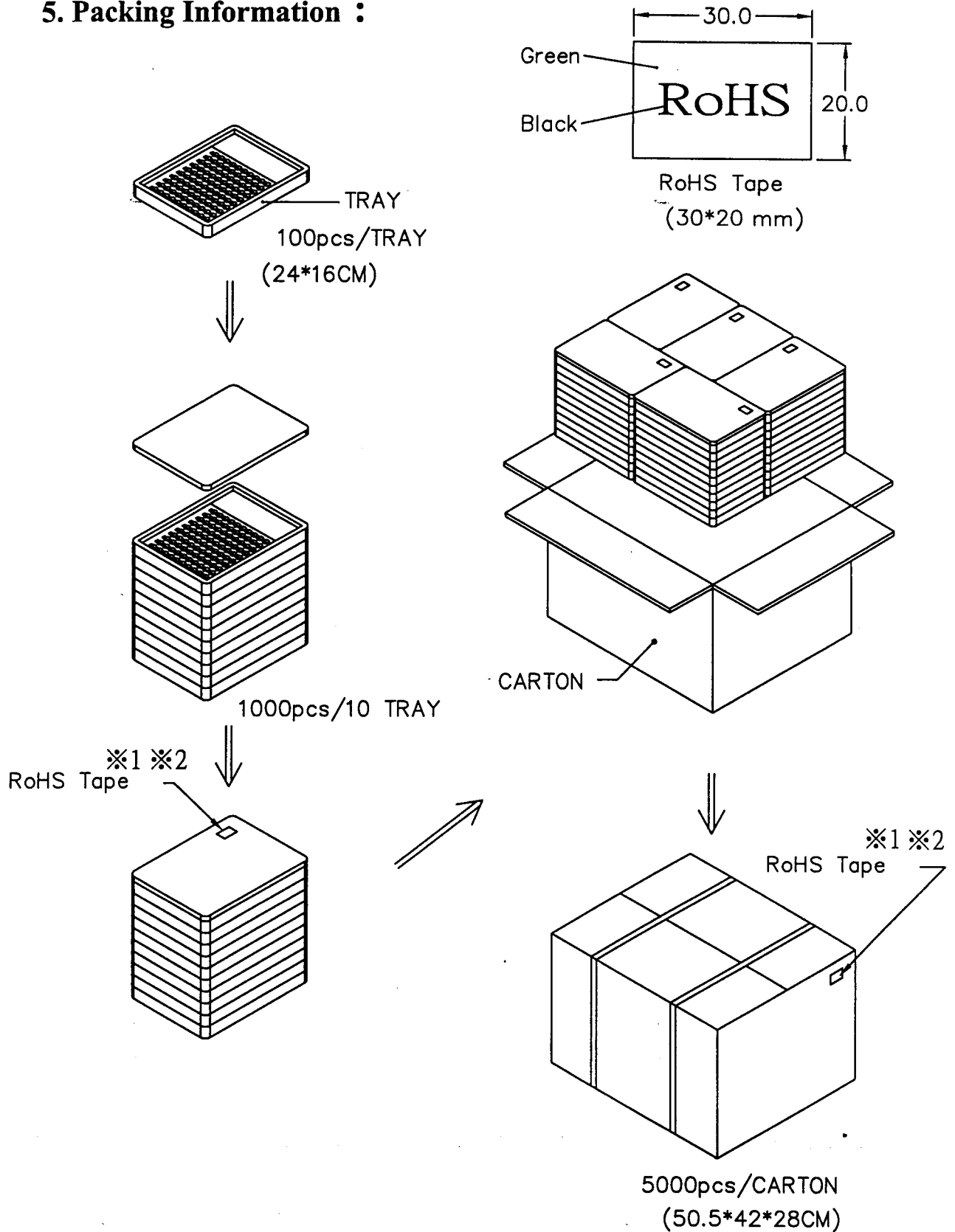
### 4. Soldering Condition : ※1 ※2

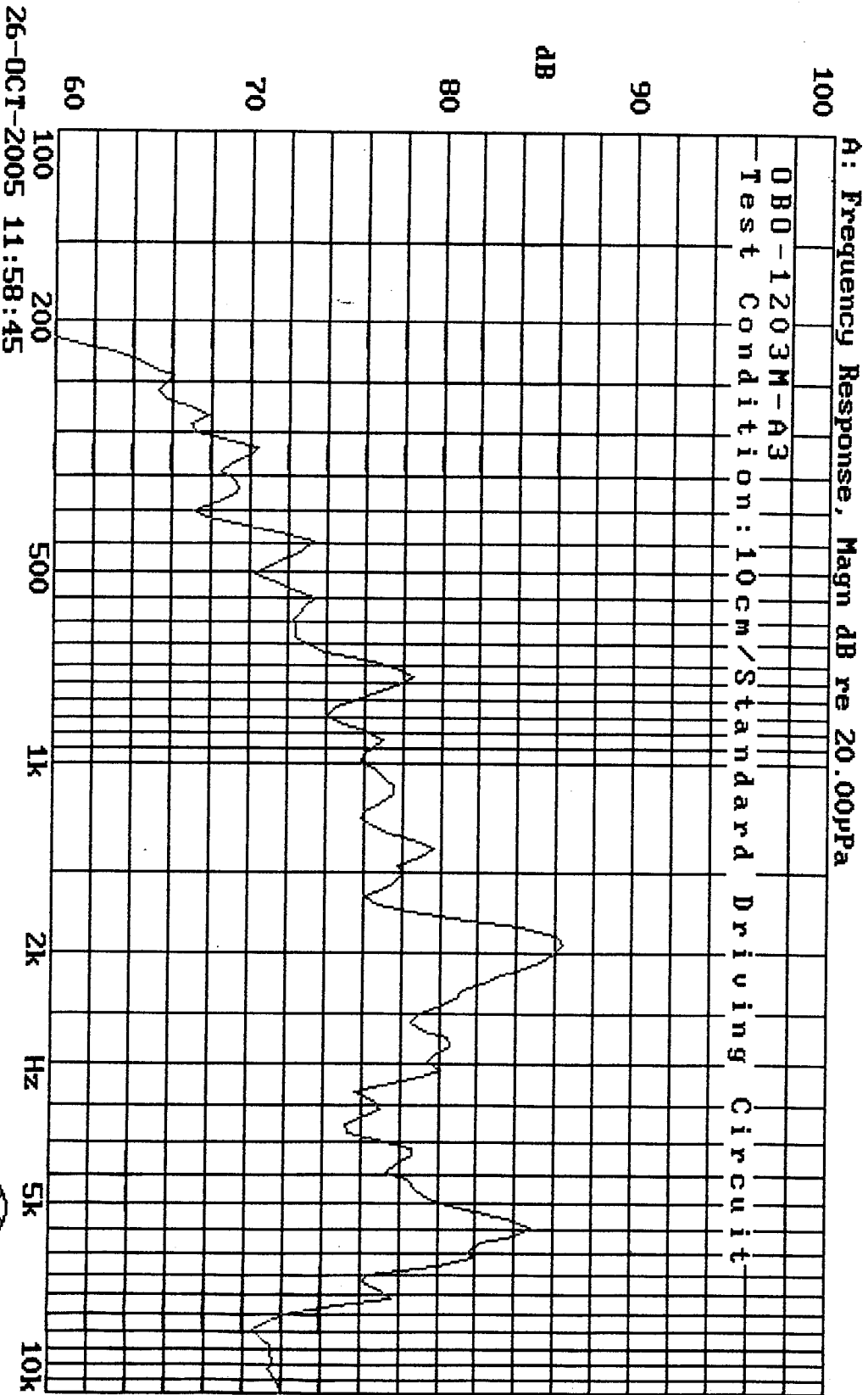
#### 4.1 Hand Soldering

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

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**5. Packing Information :**





Mode: SSR

26-OCT-2005 11:58:45

