

OBO Pro.2®	SPECIFICATIONS	MODEL NO. OBO-RW220334
	PART NAME Piezoelectric Buzzer	SHEET 1 OF 7

ALTERNATION HISTORY

Marking	Date	ECN NO.	REV.	Description	Page	PREPARE BY	APPROVE BY
※1	JAN.10'07	0607014	G	Conformity RoHS Directive (2002/95/EC) Requests.	7	林子藝	陳建合

REV.	DATE	PREPARED BY	CHECKED BY	APPROVED BY
G	JAN,10,2007	Eileen	陳建合	陳建合 1/10/07

OBO Pro.2	SPECIFICATIONS	MODEL NO. OBO-RW220334
	PART NAME Piezoelectric Buzzer	SHEET 2 OF 7

MODEL NO : OBO-RW220334

Features : Piezoelectric Receiver For Telephone & Lead Wire Type.

Conformity RoHS Directive (2002/95/EC) Requests.

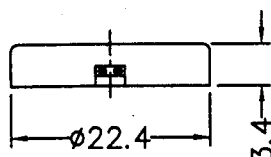
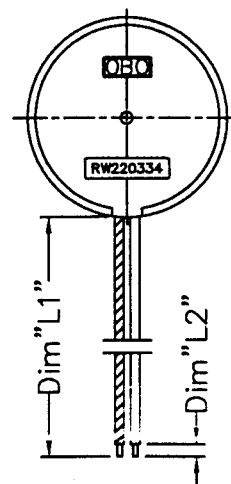
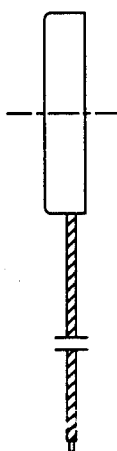
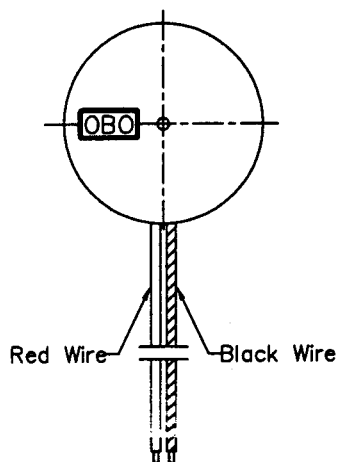
※1

1. General Specifications :

Items	Specification
Frequency Range	300Hz to 3,400Hz
Sound Pressure Level	108±3dB at 1.0KHz/1Vrms
Capacitance	90,000pF ± 30% at 120Hz
Impedance	2.0 kohm ±30% at 1.0KHz
Allowable Input Voltage	5 Vrms max.
Case Material	ABS(UL 94HB)
Operating Temp. Range	-20°C to +60°C
Storage Temp. Range	-30°C to +70°C
Weight	1.3 gms

2. Dimensions :

Unit : mm Tolerance : ± 0.5

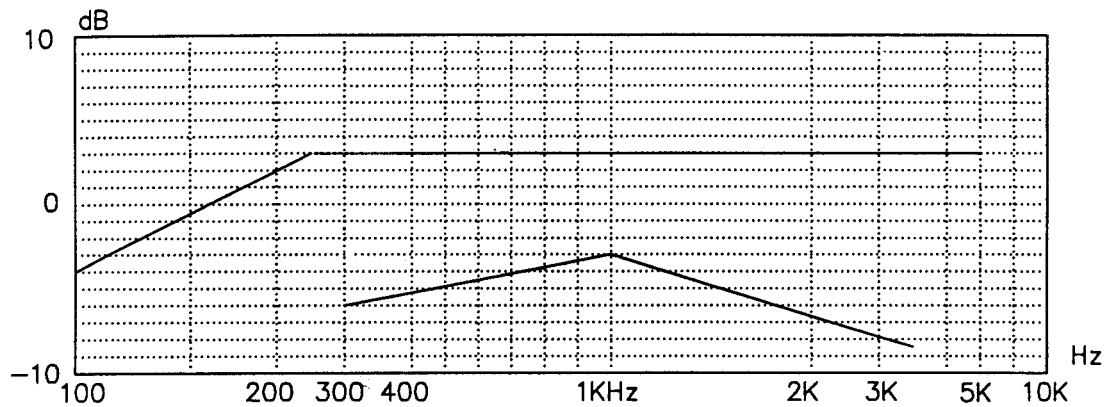


Unit : mm Tolerance : ±0.5

Customer	Lead Wire	Dim "L1"	Dim "L2"
Standard	UL 1571#32	85±5	5±1

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3. Frequency Response :

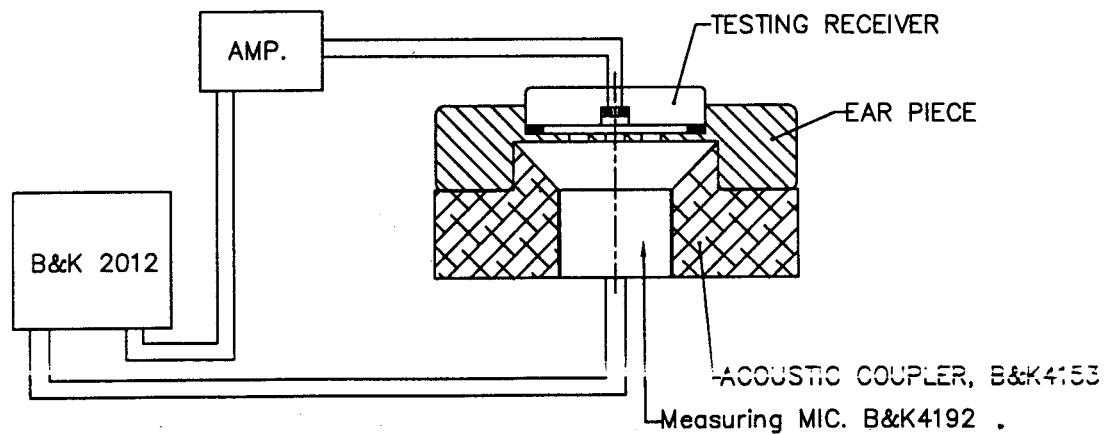


Tolerance Window

Frequency (Hz)	100	250	1000	5000	Frequency (Hz)	300	1000	3400
Upper Limit (dB)	-4	3	3	3	Lower Limit (dB)	-6	-3	-8.5

4. Test Method :

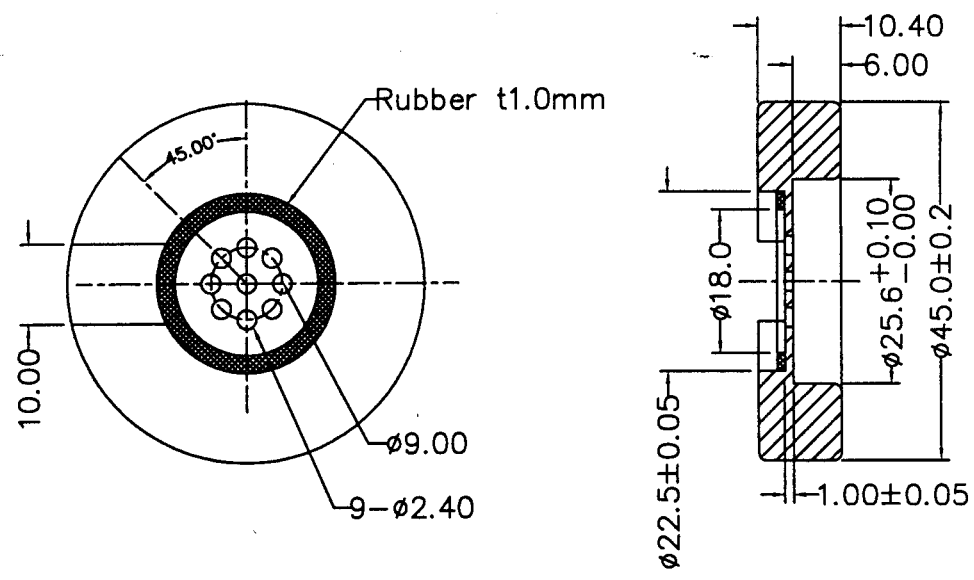
4.1 Measurement Diagram



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4.2 Ear Piece

Tolerance : ± 0.05mm



4.3 Standard Test Condition

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

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5. Soldering Condition : ※1

5.1 Hand Soldering

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

6. Environment-related substances to be controlled.

◎ Piezoelectric Ceramic Disc.

RoHs Annex :

Application of lead, mercury, cadmium and hexavalent chromium, which are exempted from the requirement of article 4(1).

* Lead in electronic ceramic parts.(e.g. piezoelectronic devices).

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7. Packing :



Buzzer

OBO PRO.2 INC.

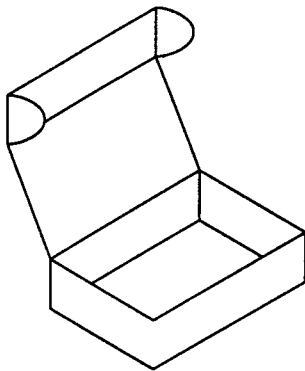
MODEL NO.	
LOT NO.	
QUANTITY	
DATE	

100pcs / Label
(80*50*0.08mm)

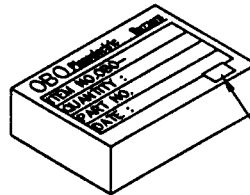


100pcs/ PE Bag
(220*155*0.05mm)

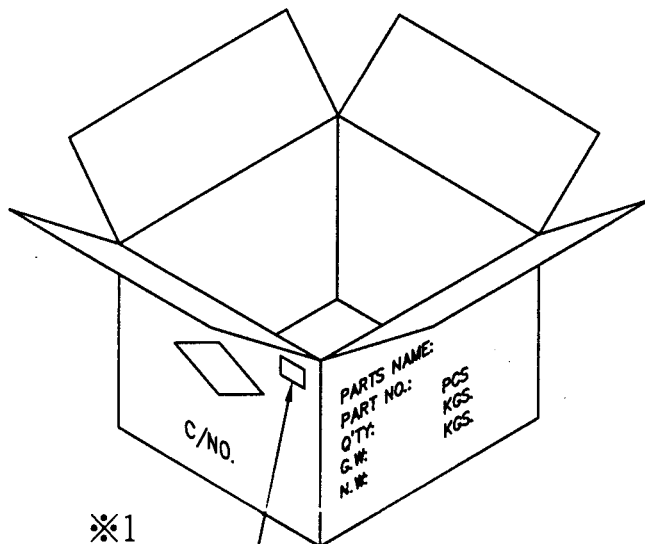
RoHS Tape ※1



400PCS./Inside box
(218*152*61mm)

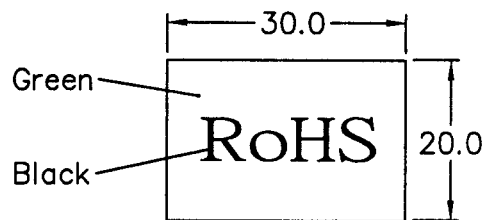


※1
RoHS Tape



※1
RoHS Tape

20 Bag(8,000pcs.)/Carton
1.74才 (400*382*330mm)



RoHS Tape
(30*20 mm)

