

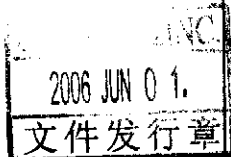
ALTERNATION HISTORY

[illegible]

REV.	DATE	PREPARED BY	CHECKED BY	APPROVED BY
B	MAY, 14, 2006	習俊	K-C-Wang	Darren

MODEL NO : OBO-35008K-01

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

**1. General Specifications**

Items	Spec.
Magnet	Materials NdFeB Size: $\varnothing 8.0 \times 1.3$ mm.
Weight	Approx 2.6 Grams
Nominal Impedance	8 Ohm $\pm$ 15% At 1200 Hz / 1.0V
Power Rating	Normal 1.0W. Maximum 2.0 W.
Lowest Resonant Frequency	600 $\pm$ 150 Hz.
Output Sound Pressure Level (S.P.L)	81 $\pm$ 3dB /1.0W 0.5Meter Average at 1000,1200,1500,2000Hz Measuring device:see Item 4.(Secundum IEC-268-5 Statute)
Frequency Range	450 ~ 20,000 Hz. Average SPL-10 dB.
Distortion	5% Maximum At 1000 Hz. 1.0W.
Abnormal Sound Test	Must be Normal Tested by 2.83Volts. Sine Wave.
Polarity	Diaphragm shall move Forward when Apply a Positive DC Current to the "+" or "Marked" Terminal.
Operating Temperature	-25°C to +50°C
Storage Temperature	-25°C to +55°C

2. Environmental Test

Humidity Test	High Temperature : +40°C $\pm$ 3°C Relative Humidity : 90% ~ 95% Duration : 96 Hours Duration of recovery : 6 Hours
Temperature Cycle Test	Temperature : +55°C $\rightarrow$ +25°C $\rightarrow$ -25°C $\rightarrow$ +25°C Duration : 1Hour 1Hour 1Hour 1Hour Cycle : 3 Cycles
Vibration Test	Vibration Direction : 3 axes Mounting : Unit Shall Be Rigidly Restrained On The Table Frequency : 1,000 Cycle/Minute Amplitude : 1.5m/m Endurance : 1 Hour in Each Plane Duration of Transfer Time : Less Than 5Minutes
Load Test	White Noise With Weighted Filter 2.83 Volts.(RSM) 100 Hrs. 20~20,000Hz Resonant Frequency.
Drop Test	70cm Free Falling On Concrete Floor, with 10 times.

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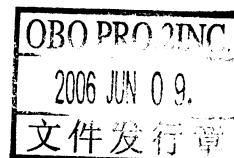
SPECIFICATIONS

MODEL NO.
OBO-35008K-01

PART NAME
DYNAMIC SPEAKER

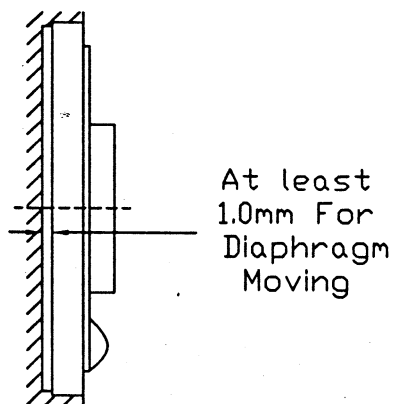
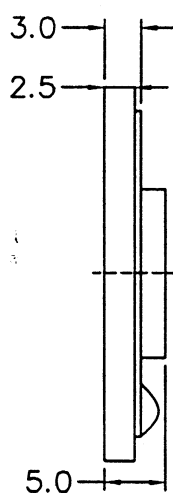
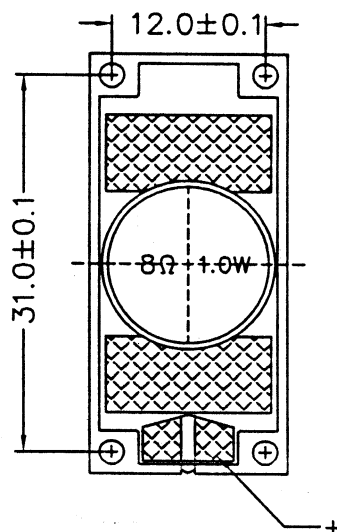
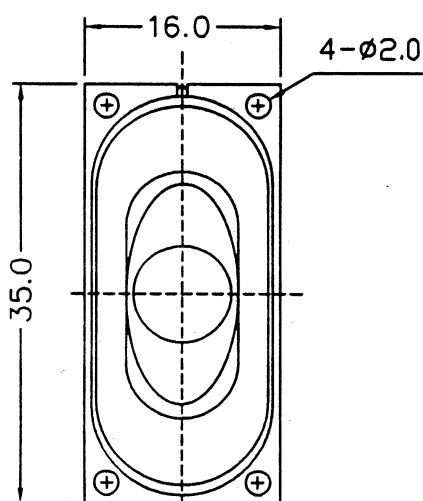
SHEET
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3. Mechanical Layout And Dimensions



3.1 Dimensions

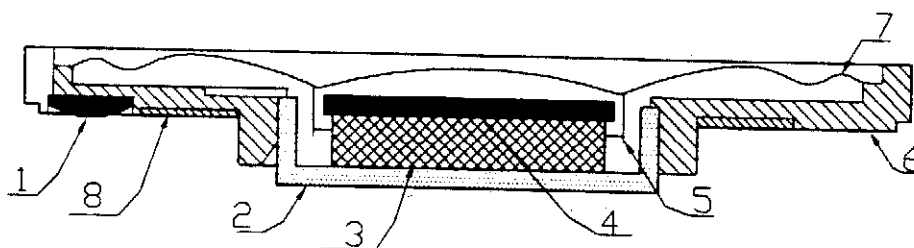
Unit:mm Tolerance:±0.2



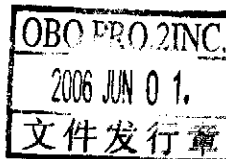
※1 PCB Soldering Temperture 380° Max For 3 Seconds.

OBO Pro.2**SPECIFICATIONS****MODEL NO.**
OBO-35008K-01**PART NAME**
DYNAMIC SPEAKER**SHEET**
4 OF 7OBO PRO.2 INC.
2006 JUN 01.
文件发行章

3.2 Construction Diagram

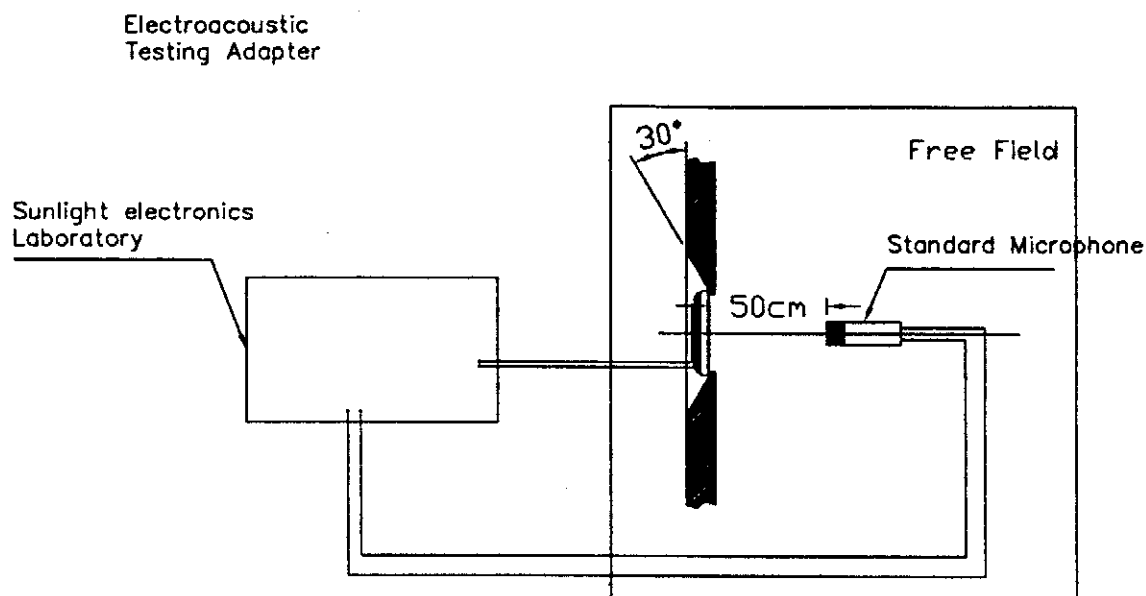


NO	PART NAME	MATERIAL	Q'TY
8	CLOTH	CLOTH	1
7	DIAPHRAGM	SILK	1
6	PLASTICS CASE	ABS	1
5	VOICE COIL	DIA 8.8mm	1
4	WASHER	SPCC	1
3	MAGNET	NdFeB	1
2	YOKE	SPCC	1
1	TERMINAL	P.C.B	1
NO	PART NAME	MATERIAL	Q'TY

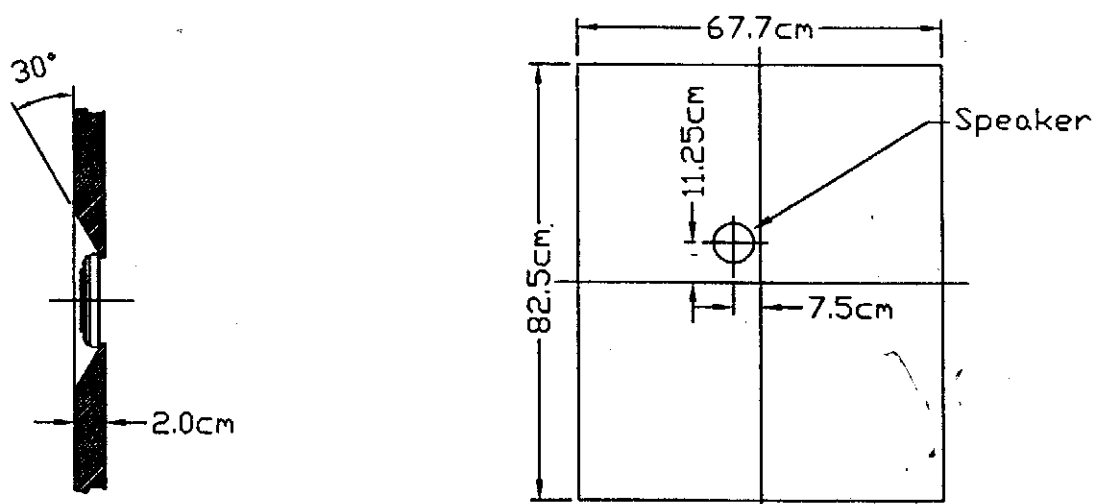


4. Test Method

4.1 Measurement Diagram



4.2 Standard Baffle



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SPECIFICATIONS

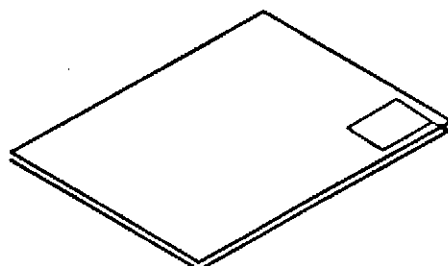
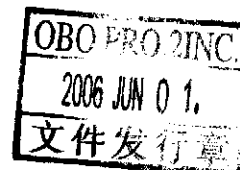
MODEL NO.
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PART NAME
DYNAMIC SPEAKER

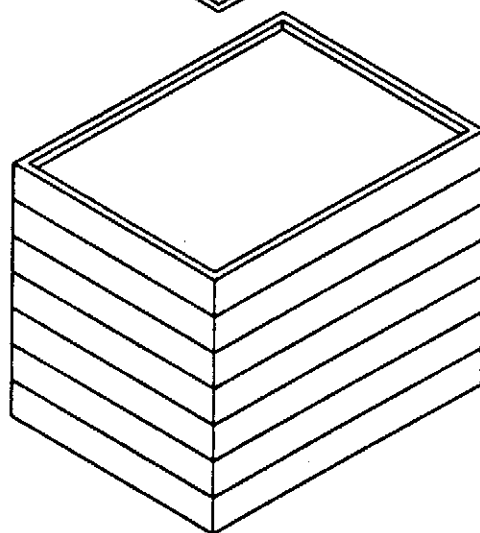
SHEET
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※1 **5. Package**

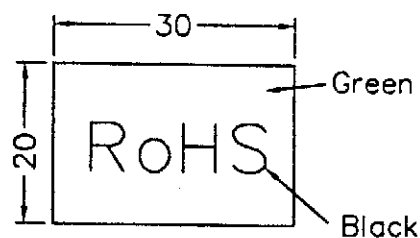
Unit:mm



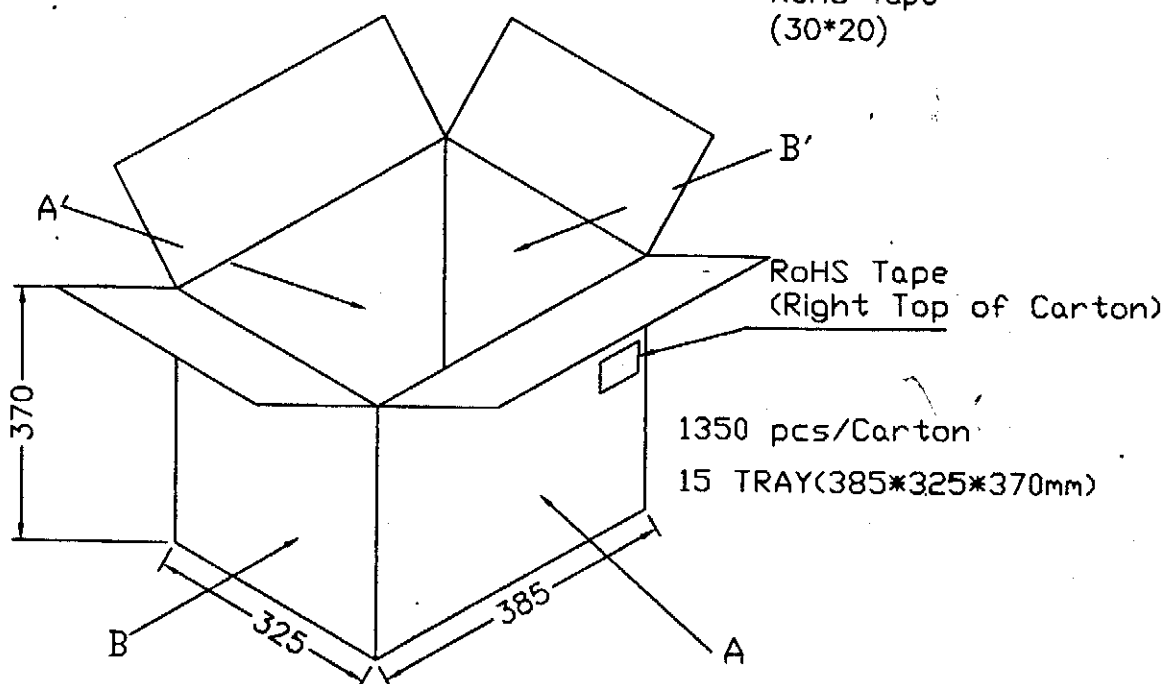
RoHS Tape
(Right Down of Cover)



90pcs/TRAY



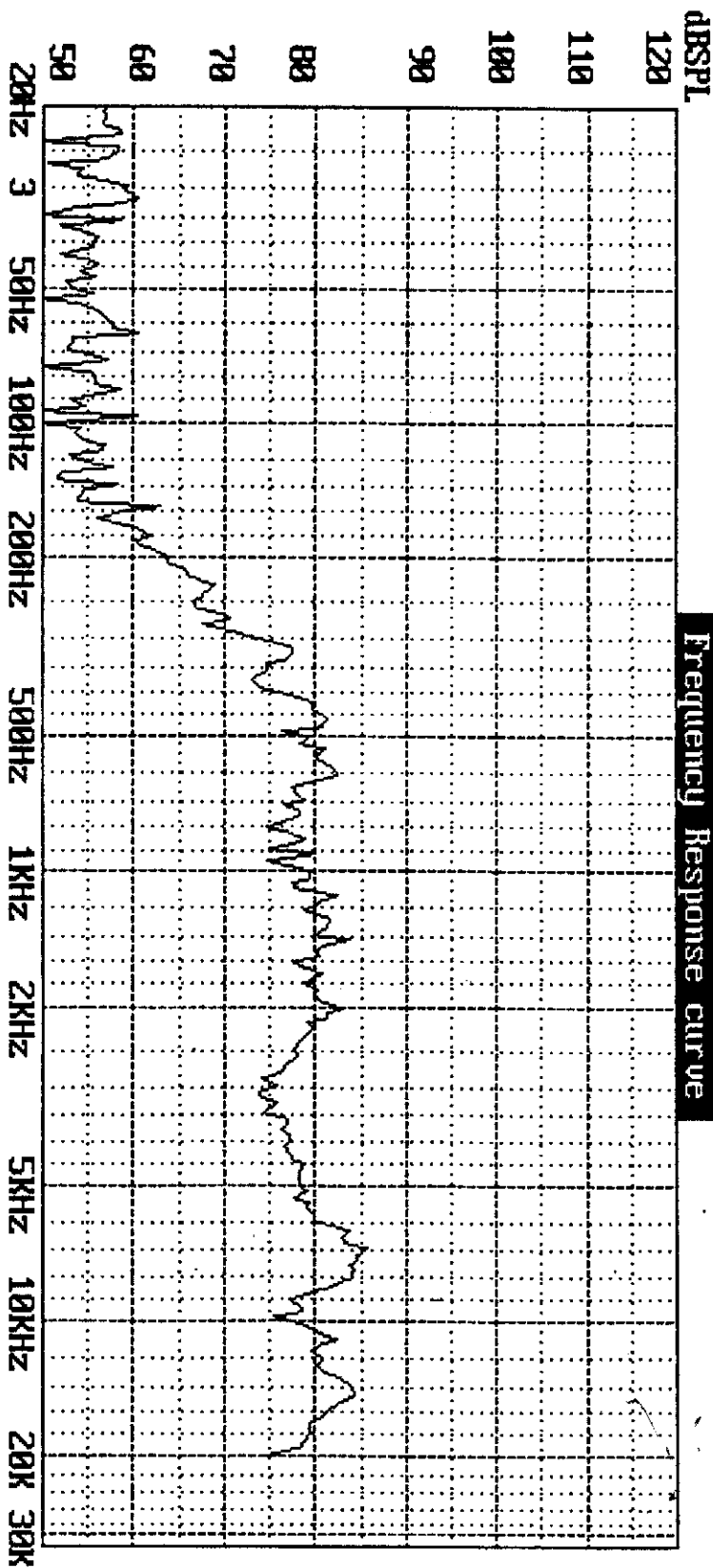
RoHS Tape
(30*20)



1350 pcs/Carton
15 TRAY(385*325*370mm)

Firm: Model: OBO-35008K-01 DATE: 05-11-2006 TIME: 14:03:16
1000Hz Sens. = 79.7dB SPL Pass F.R.: Pass DCR: 0.070 Pass
Average SPL: 80.6dB SPL Pass (1000:1200:1500:2000Hz) Sweep Speed: 1/24 Oct.

B 6.11



Voltage applied for F.R. = 2.830V Start F. = 20Hz Stop F. = 20000Hz
Measuring Distance = 0.01M

Mfg.:

Measured using Sunlight 1600; Fax: 886-2-22230727