
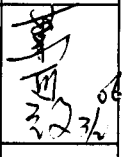

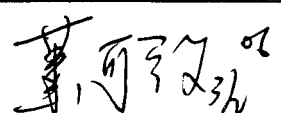


OBO Pro.2	SPECIFICATIONS	MODEL NO. OBO-40032F-01
	PART NAME DYNAMIC SPEAKER	SHEET 1 OF 6

ALTERNATION HISTORY

Marking	Date	ECN NO.	REV.	Description	Page	PREPARE BY	APPROVE BY
※1	FEB,23'06	0602007	D	1.Conformity RoHS Directive (2002/95/EC) Requests.	6		

REV.	DATE	PREPARED BY	CHECKED BY	APPROVED BY
D	FEB,23,2006	PEI LING		

OBO Pro.2	SPECIFICATIONS	MODEL NO. OBO-40032F-01
	PART NAME DYNAMIC SPEAKER	SHEET 2 OF 6

MODEL NO : OBO-40032F-01

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

1. General Specifications

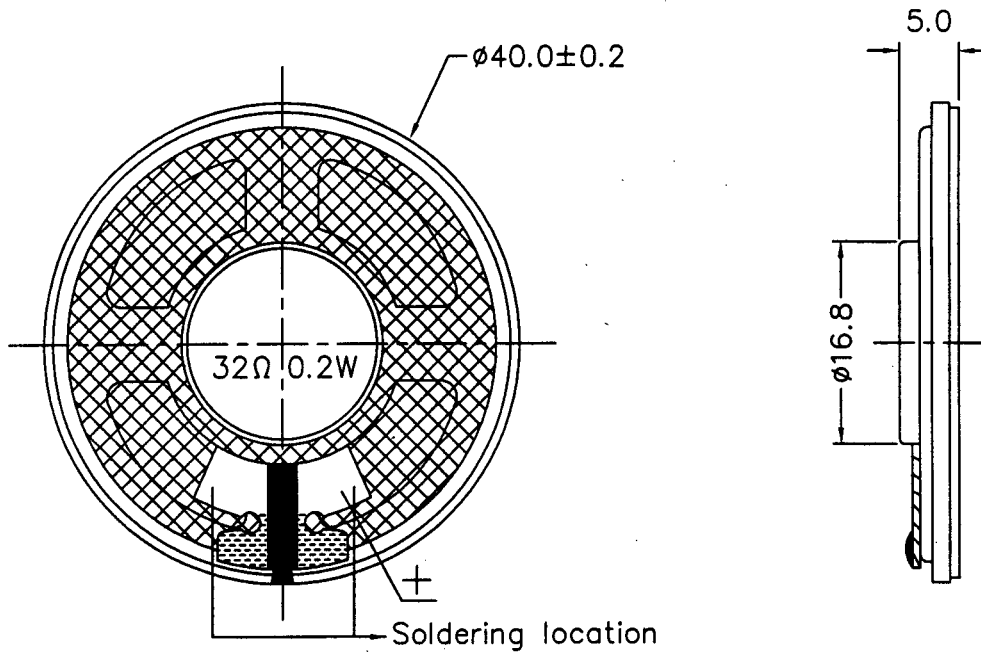
Items	Spec.
Magnet	Materials NdFeB Size: ϕ 12.5X1.5 mm.
Weight ※1	Approx 9.5 Grams
Nominal Impedance	32 Ohm \pm 15% At 1000 Hz / 1.0V
Power Rating	Normal 0.2W. Maximum 0.5 W.
Lowest Resonant Frequency	560 \pm 150 Hz
Output Sound Pressure Level (S.P.L)	80 \pm 3dB /0.2W 0.5Meter Average at 1000,1200,1500,2000Hz Measuring device: see Item 4.(Secundum IEC-268-5 Statute)
Frequency Range	320 ~ 6,500 Hz. Average SPL-10 dB.
Abnormal Sound Test	Must be Normal Tested by 2.53Volts. Sine Wave.
Polarity	Diaphragm shall move Forward when Apply a Positive DC Current to the "+" or "Marked" Terminal.
Operating Temperature	-25°C ~ +50°C
Storage Temperature	-25°C ~ +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	Duration : 3 axes Mounting : Unit Shall Be Rigidly Restrained On The Table Frequency : 1000 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 2.53 Volts.(RSM) 100Hrs. 20~20,000Hz Resonant Frequency.
NaCl liquor Concentration	5% PH=6.7~7.2 /12Hours ※1

OBO Pro.2	SPECIFICATIONS	MODEL NO. OBO-40032F-01
	PART NAME DYNAMIC SPEAKER	SHEET 3 OF 6

3. Dimensions



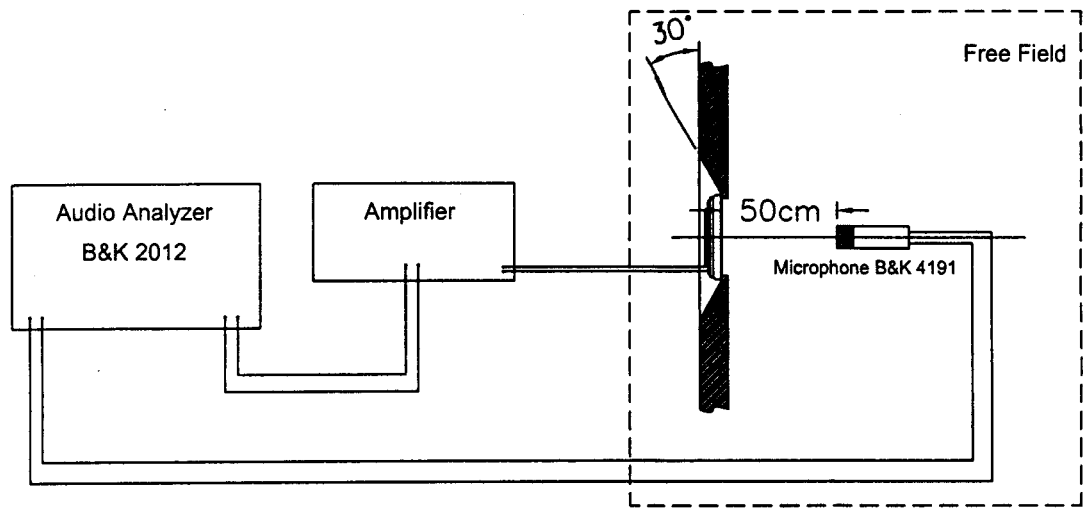
Unit: mm Tolerance: ± 0.3

※1 PCB Soldering Temperature 280°C~320°C With 3 Seconds.

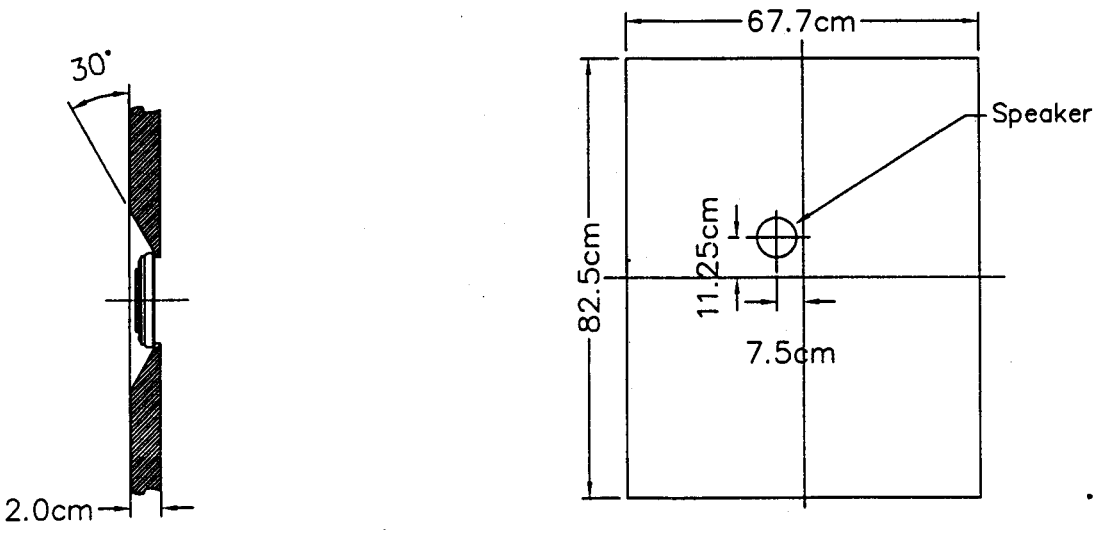
OBO Pro.2	SPECIFICATIONS	MODEL NO. OBO-40032F-01
	PART NAME DYNAMIC SPEAKER	SHEET 4 OF 6

4. Test Method

4.1 Measurement Diagram

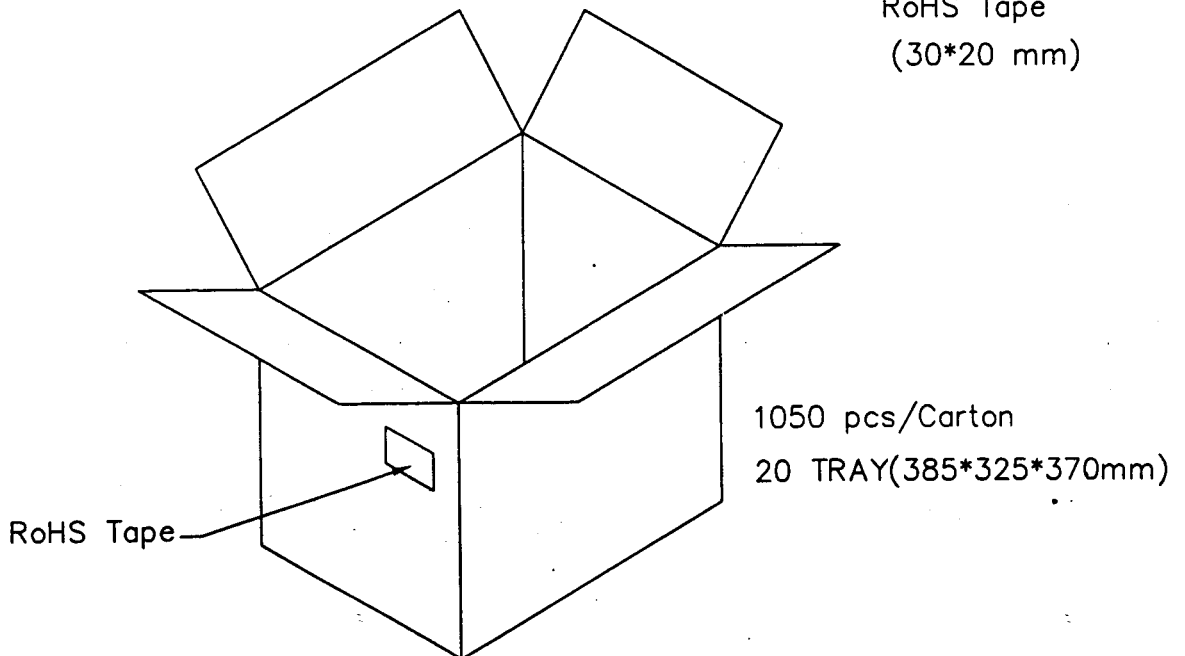
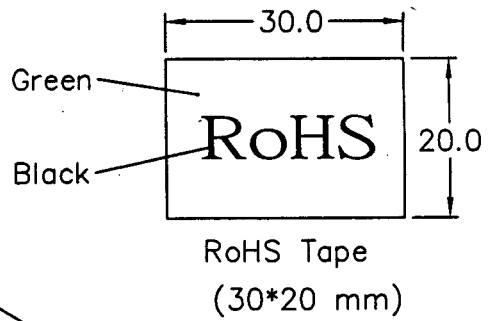
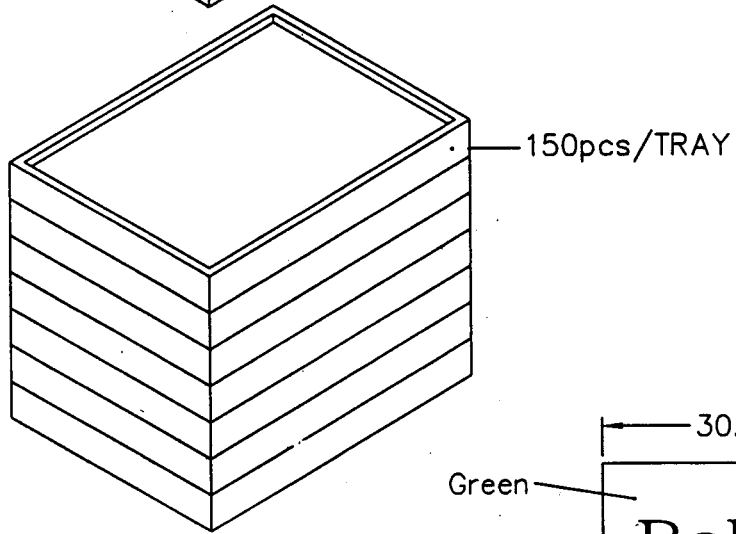
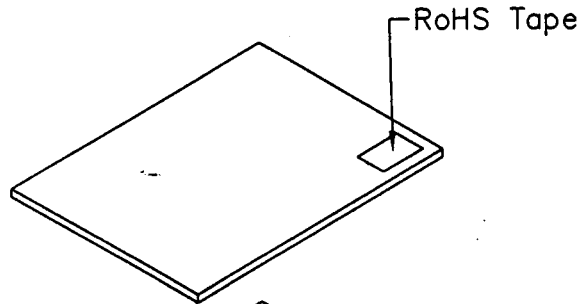


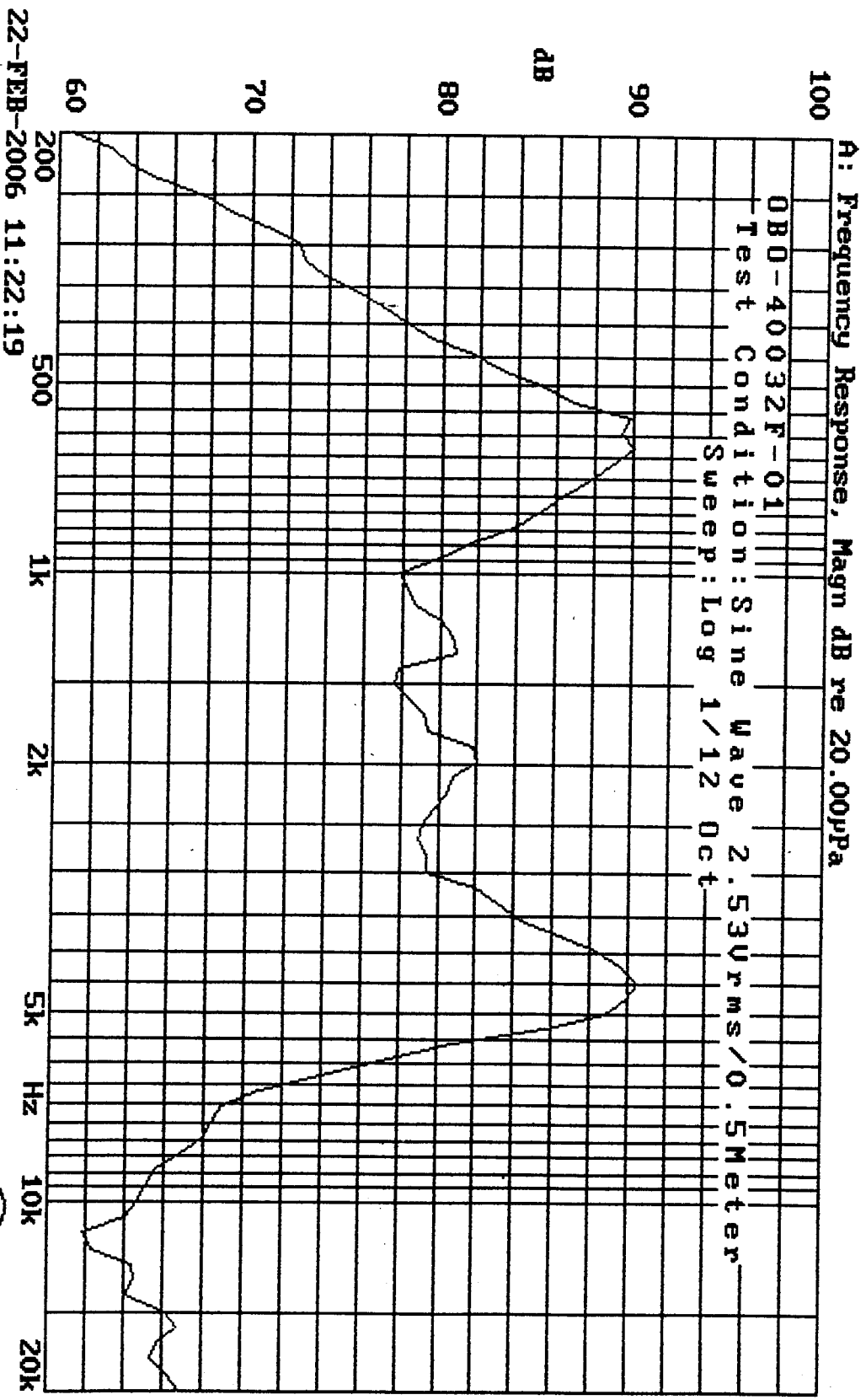
4.2 Standard Baffle



OBO Pro.2	SPECIFICATIONS	MODEL NO. OBO-40032F-01
	PART NAME DYNAMIC SPEAKER	SHEET. 5 OF 6

5. Package ※1





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Mode: SSR

