

OBO Pro.2	SPECIFICATIONS	MODEL NO. OBO-27221
	PART NAME Piezoelectric Buzzer	SHEET 1 OF 6

ALTERNATION HISTORY

Marking	Date	ECN NO.	REV.	Description	Page	PREPARE BY	APPROVE BY
※1	MAR,29'07	0703013	H	Conformity RoHS Directive (2002/95/EC) Requests.	6	謝淑雅	陳建合

REV.	DATE	PREPARED BY	CHECKED BY	APPROVED BY
H	MAR,29'2007	MIA	陳建合	陳建合

OBO Pro.2®	SPECIFICATIONS	MODEL NO. OBO-27221
	PART NAME Piezoelectric Buzzer	SHEET 2 OF 6

MODEL NO : OBO-27221

Features : External drive & Lead Wire Type.

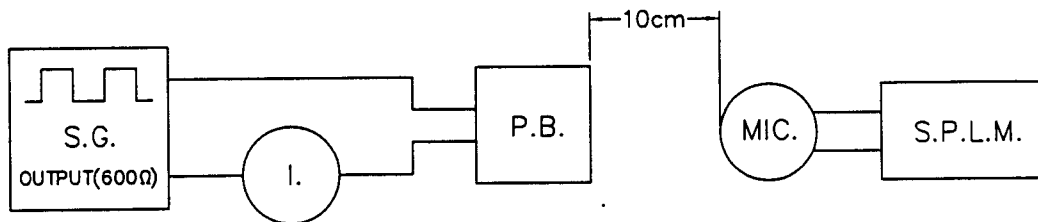
Conformity RoHS Directive (2002/95/EC) Requests. ※1

1. General Specifications :

Items	Spec.
Sound Pressure Level	85dB Min. at 3.5KHz/9Vp-p Square Wave/10cm.
	75dB Min. at 3.5KHz/1Vrms Sine Wave/10cm.
Capacitance	24,000pF ± 30% at 120Hz
Current Consumption	4mA Max. at 3.5KHz/9Vp-p Square Wave
Allowable Input Voltage	30Vp-p Max.
Case Material	ABS (UL 94HB)
Operating Temp. Range	-20°C to +60°C
Storage Temp. Range	-30°C to +70°C
Weight	3.9 gms
Frequency Response	As Per Fig.1

2. Test Method

2.1 Standard Test Diagram



- S.G. : GAG-808G Audio Generator or Equivalent
- S.P.L.M. : Sound Pressure Level Meter IEC651 TYPE2
- I. : GDM-8145 Multimeter or Equivalent
- P.B. : Piezoelectric Buzzer

Note: Please pay attention never to be applied DC voltage to piezo sounder

OBO Pro.2®

SPECIFICATIONS

MODEL NO.
OBO-27221

PART NAME
Piezoelectric Buzzer

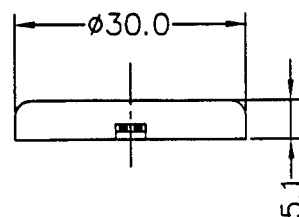
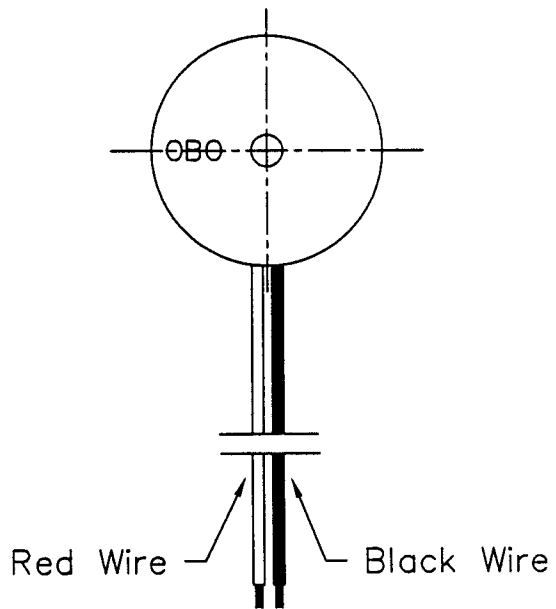
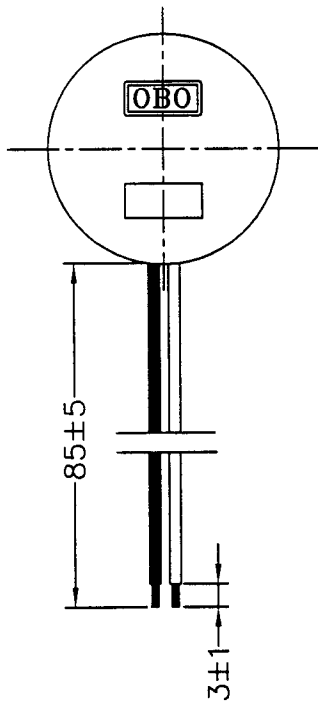
SHEET
3 OF 6

2.2 Standard Test Condition ※1

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.

3. Appearance and Dimensions :

Unit : mm Tolerance : ±0.5



Customer	Lead Wire
Standard	UL1095#28

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4. Environment-related substances to be controlled. ※1

- 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).

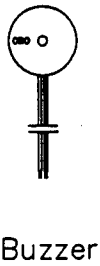
5. Soldering Condition :

5.1 Hand Soldering

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

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6. Package :



OBO PRO.2 INC.

MODEL NO.	
LOT NO.	
QUANTITY	
DATE	

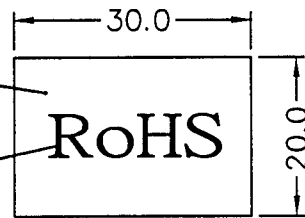
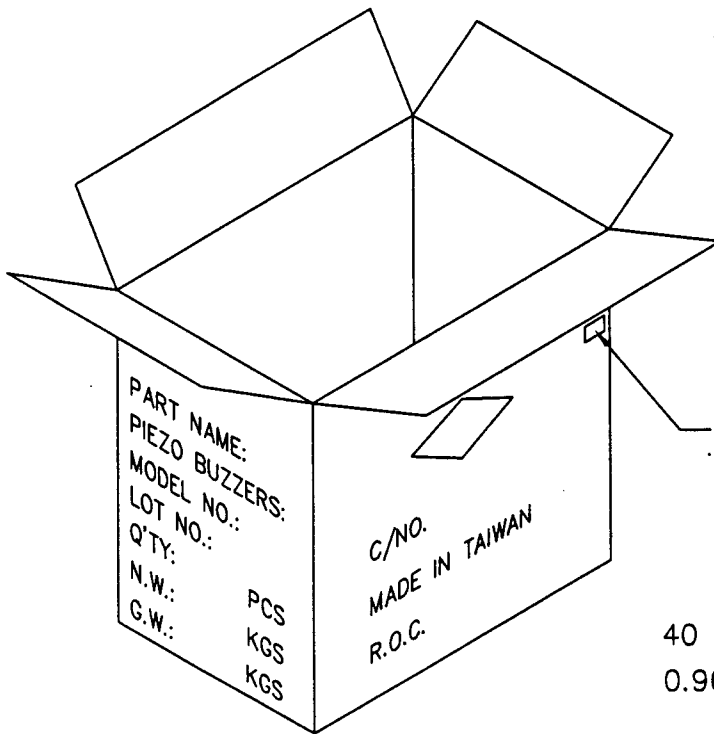
50pcs / Label
(80*50*0.08mm)



50pcs / PE Bag
(220*155*0.05mm)

※1

RoHS Tape

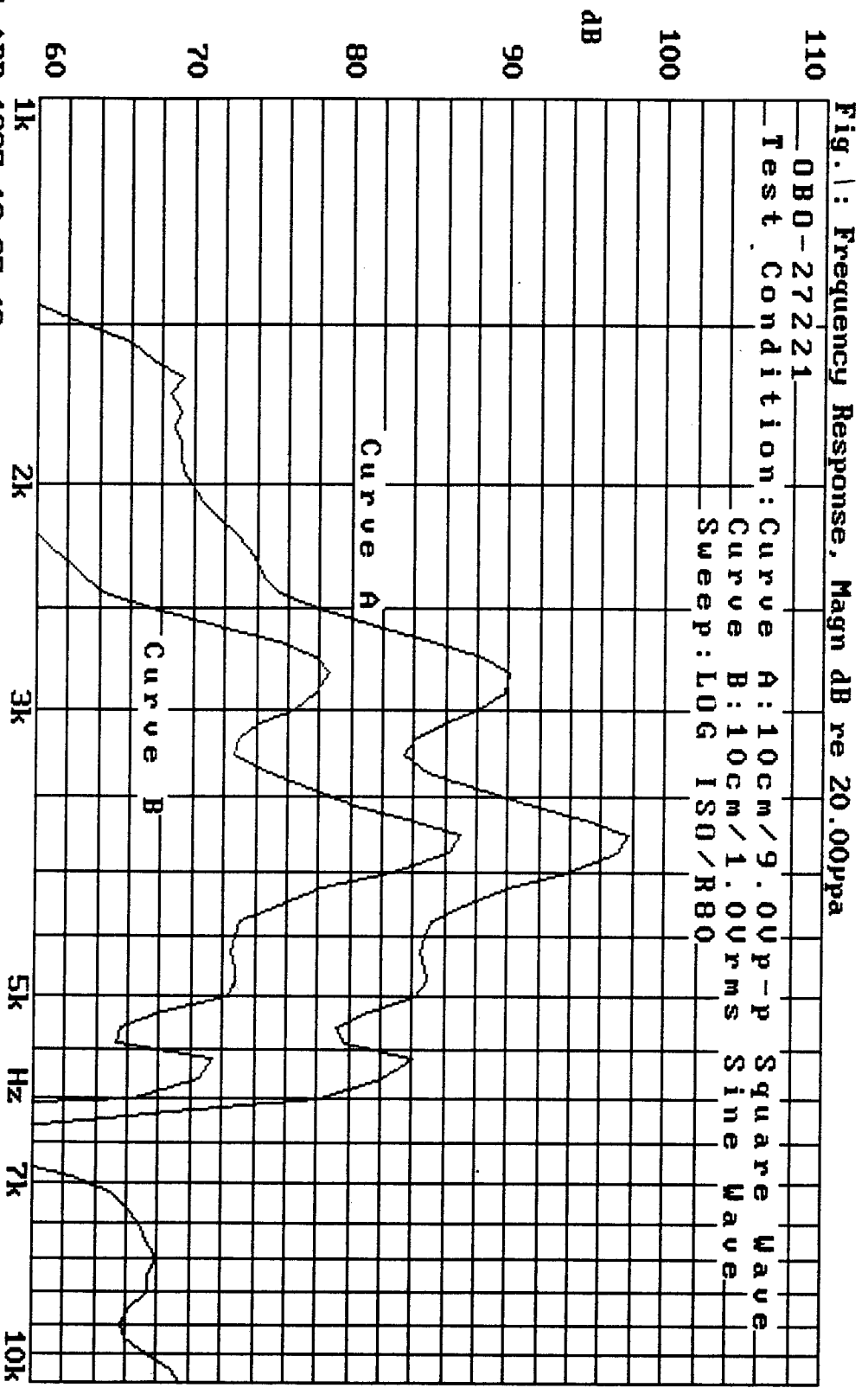


RoHS Tape
(30*20 mm)

※1

RoHS Tape

40 Bag(2,000pcs)/ Carton
0.96 (352*233*336mm)



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