

REV.	DATE	PREPARED BY	CHECKED BY	APPROVED BY
G	NOV,06'2004	朱其 11/6'04	王其 11/11	王其 11/9

OBO.Pro.2.	SPECIFICATIONS	MODEL NO. OBO-202
	PART NAME Piezoelectric Buzzer	SHEET 2 OF 5

Model No. : OBO-202

OBO PRO.2 INC.

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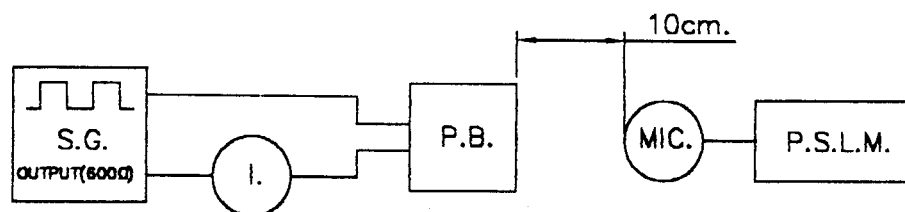
Features : External drive & Pb-free Soldering Type

1. General Requirements

Items	Spec.
Sound Pressure Level	90dB Min. at 5.0KHz/9Vp-p Square Wave/10cm.
	80dB Min. at 5.0KHz/1Vrms Sine Wave/10cm.
Capacitance	12,000pF $\pm$ 30% at 120Hz
Current Consumption	4mA Max. at 5.0KHz/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	2.5 gms
Frequency Response	As Per Fig.1

2. Test Method

2.1 Standard Test Diagram



S.G. : GAG-808G Audio Generator or Equivalent

MIC. : B&K-4176 Micphone or Equivalent

P.S.L.M. : B&K-2232 Precision Sound Level Meter or Equivalent

I. : GDM-8145 Multimeter or Equivalent

P.B. : Piezoelectric Buzzer

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

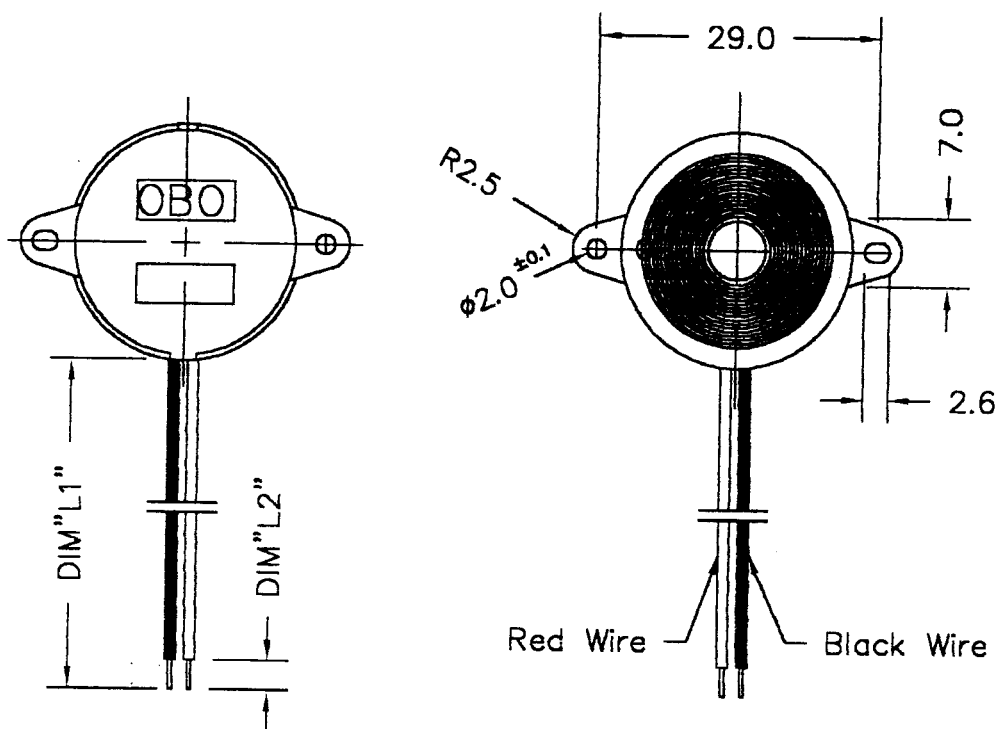
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OBO-202**PART NAME**
Piezoelectric Buzzer**SHEET**
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3. Appearance and Dimensions

Unit : mm

Tolerance : ± 0.5 

Lead Wire	DIM"L1"	DIM"L2"
UL1095#28	85 ± 5	3 ± 1

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SPECIFICATIONS

MODEL NO.
OBO-202

PART NAME
Piezoelectric Buzzer

SHEET
4 OF 5

4. Soldering condition

4.1 Hand soldering / touchup

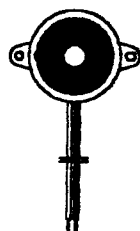
soldering iron tip temperature 380 °C for 3 seconds.

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5. Package



Buzzer

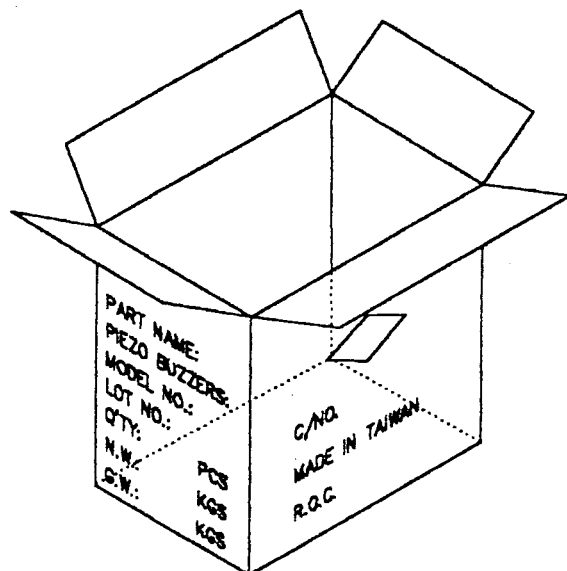
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MODEL NO.	
LOT NO.	
QUANTITY	
DATE	

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



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

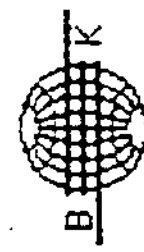
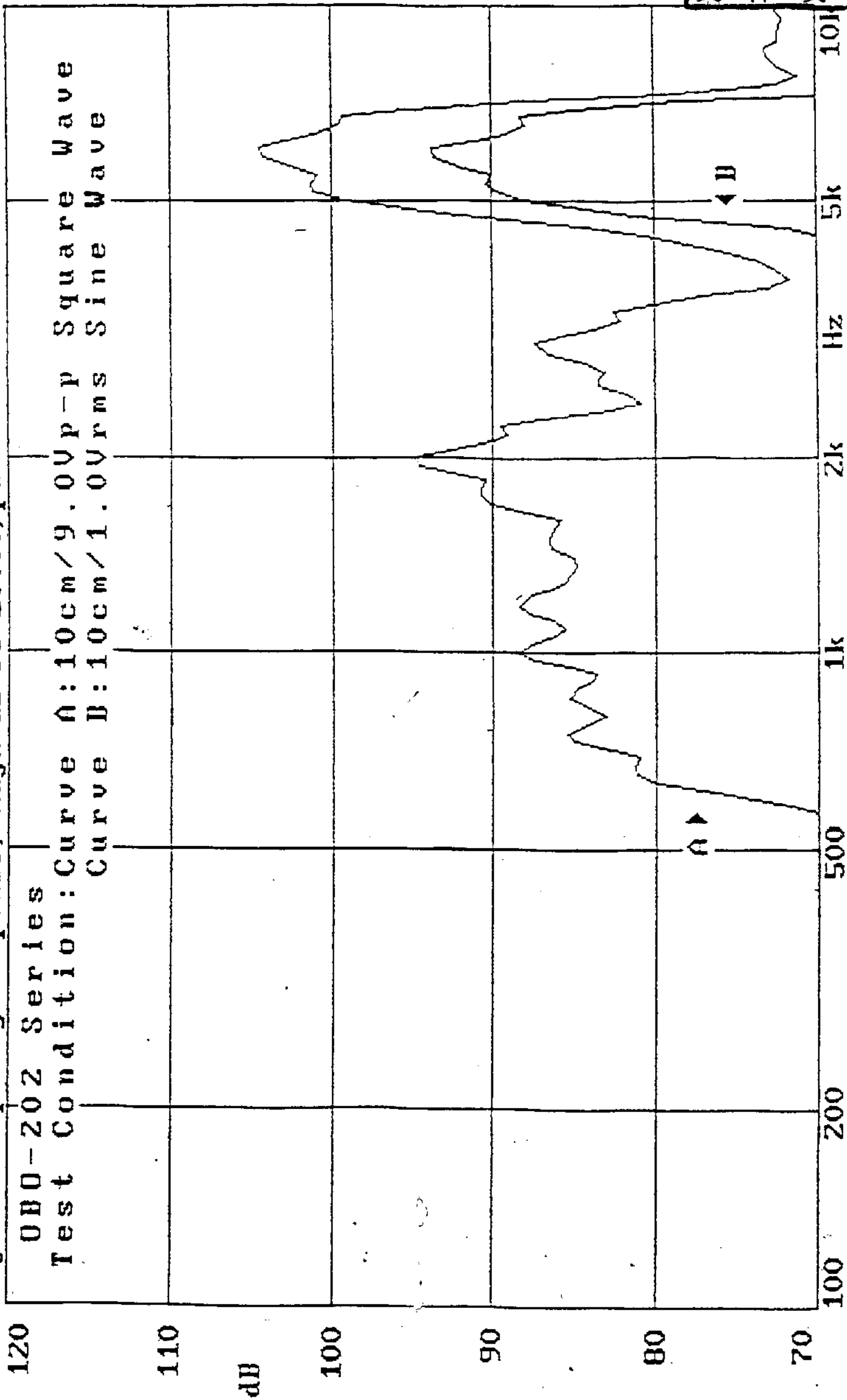


80*PE Bag(4,000pcs)/ Carton
0.96*(352*233*336mm)

SHEET
50FS

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Fig.1: Frequency Response, Magn dB re 20.00μpa



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Mode: SSR