



**OBO.Pro.2.****SPECIFICATIONS****MODEL NO.**  
OBO-27216**PART NAME**  
Piezoelectric Buzzer**SHEET**  
2 OF 5

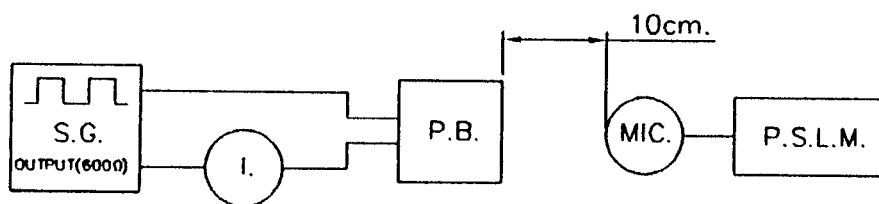
Model No. : OBO-27216

OBO PRO.2INC.

19 NOV 2004

Features : External drive & Pb-free Soldering Type 文件发行章**1. General Requirements**

Items	Spec.
Sound Pressure Level	85dB Min. at 2.5KHz/9Vp-p Square Wave/10cm.
	75dB Min. at 2.5KHz/1Vrms Sine Wave/10cm.
Capacitance	45,000pF $\pm$ 30% at 120Hz
Current Consumption	4mA Max. at 2.5KHz/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	3.5 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

**OBO Pro.2**

**SPECIFICATIONS**

**MODEL NO.**  
OBO-27216

**PART NAME**  
Piezoelectric Buzzer

**SHEET**  
3 OF 5

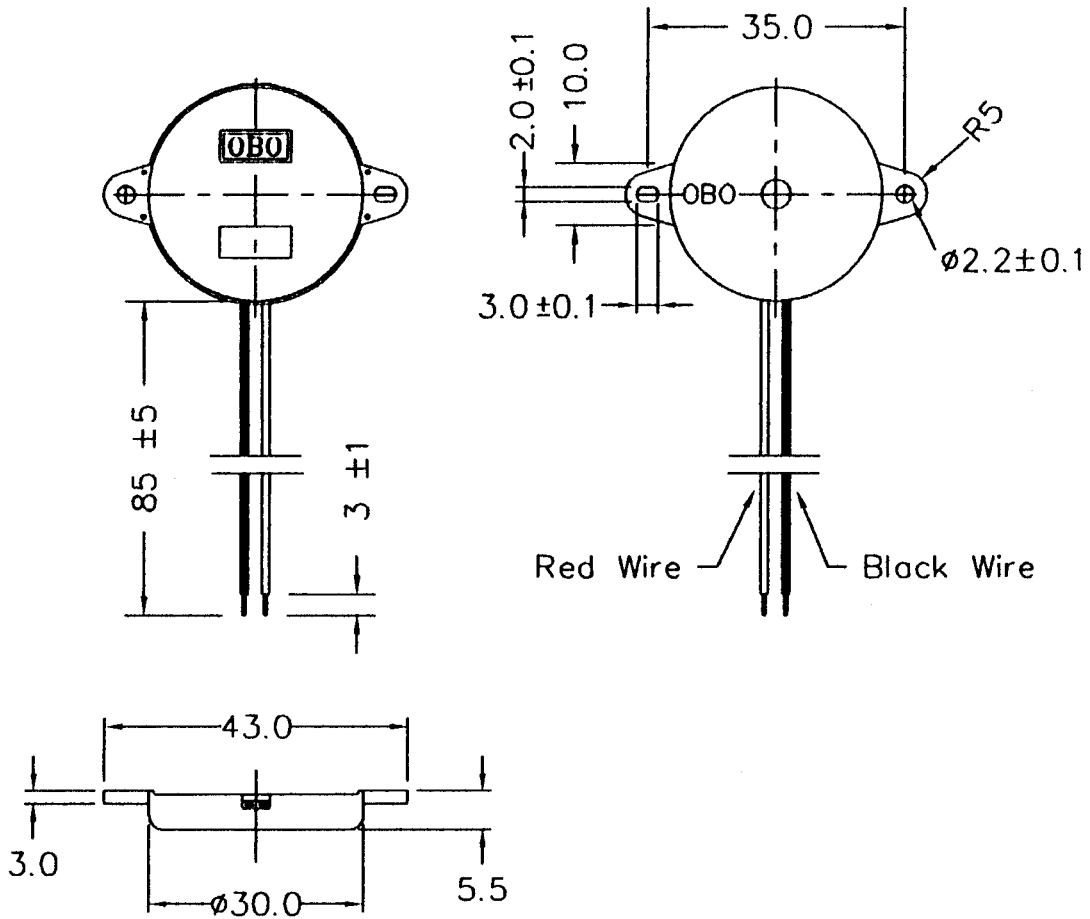
OBO PRO.2 INC.

19 NOV 2004

文件发行章

3. Appearance and Dimensions

Unit : mm      Tolerance :  $\pm 0.5$



Customer	Lead Wire
Standard	UL1095#28

# OBO Pro.2

## SPECIFICATIONS

MODEL NO.  
OBO-27216

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.

OBO PRO.2 INC.

19 NOV 2004

文件发行章

### 5. Package



Buzzer

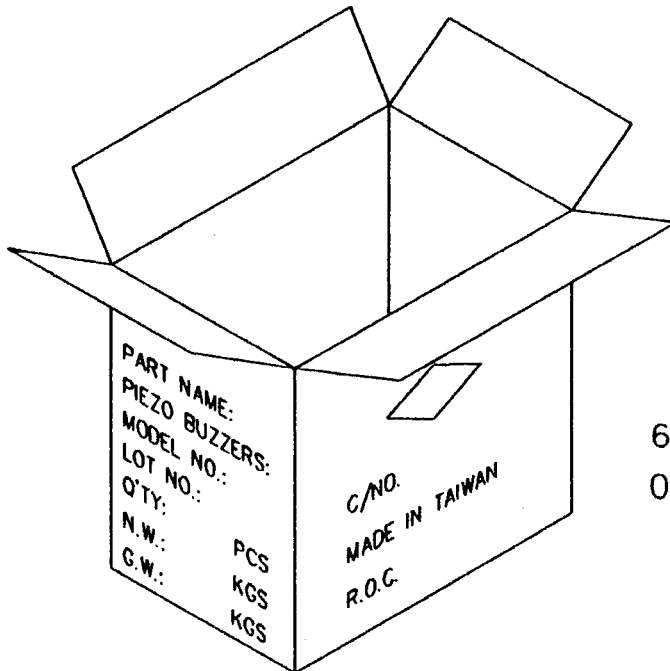
OBO PRO.2 INC.

MODEL NO.	
LOT NO.	
QUANTITY	
DATE	

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

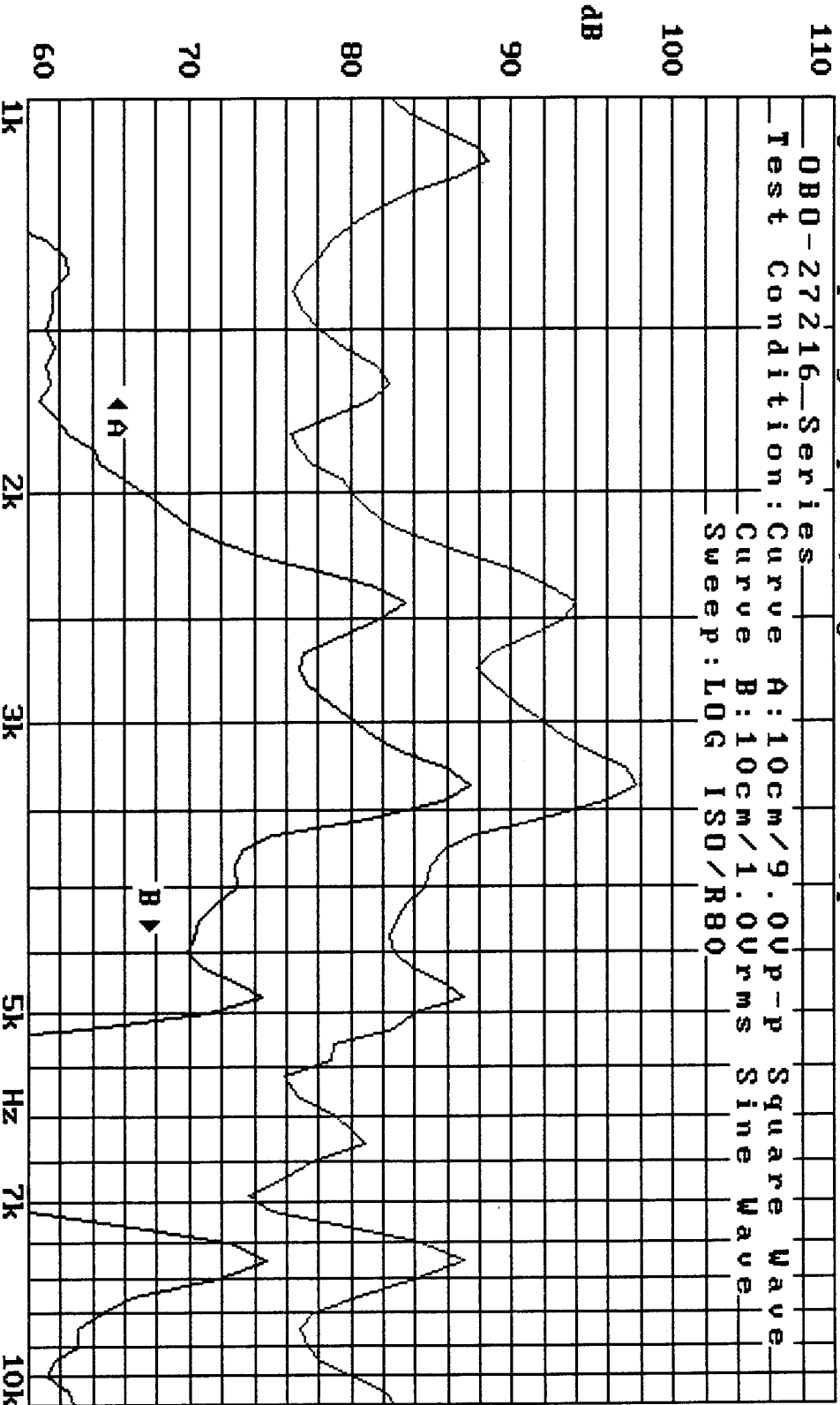


50pcs/ PE Bag  
(220\*155\*0.05mm)



60 Bag(3,000pcs)/ Carton  
0.96m(352\*233\*336mm)

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



15-JAN-2003 14:53:10

Mode: SSR

