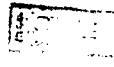
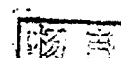
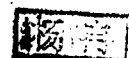


OBO Pro.2®**SPECIFICATIONS**MODEL NO.
OBO-27225PART NAME
Piezoelectric BuzzerSHEET
1 OF 5OBO PRO.2 INC.
2008 NOV 10**ALTERNATION HISTORY**

Marking	Date	ECN NO.	REV.	Description	文件	Page	PREPARE BY	APPROVE BY
※1	NOV.07'08	DG0811003	G	Conformity RoHS Directive (2002/95/EC) Requests.		5	王志偉	

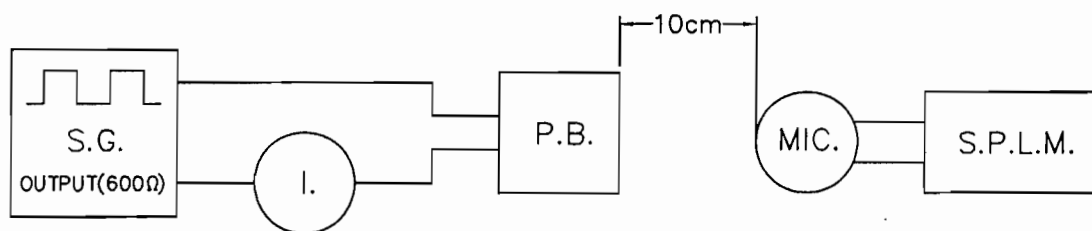
REV.	DATE	PREPARED BY	CHECKED BY	APPROVED BY
G	NOV,07,2008	王志偉		

MODEL NO : OBO-27225**Features : External drive & Lead Pin Type.****Conformity RoHS Directive (2002/95/EC) Requests. ※1****1. General Specifications :**

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	20,000pF ± 30% at 120Hz
Current Consumption	3mA max. at 2.5KHz/9Vp-p Square Wave
Allowable Input Voltage	30Vp-p max.
Case Material	Top Case:PC(UL 94V-2),Bottom Case:PBT(UL 94-0)
Operating Temp. Range	-20°C to +70°C
Storage Temp. Range	-40°C to +85°C
Weight	5.5 gms
Lead Pin Material	Phosphor Bronze (Sn Plated)

2. Measuring Method

2.1 S.P.L Measuring Circuit



- S.G. :GAG-808G Audio Ggenerator 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-27225

PART NAME
Piezoelectric Buzzer

SHEET

OBO PRO.2 INC.

2008 NOV 10

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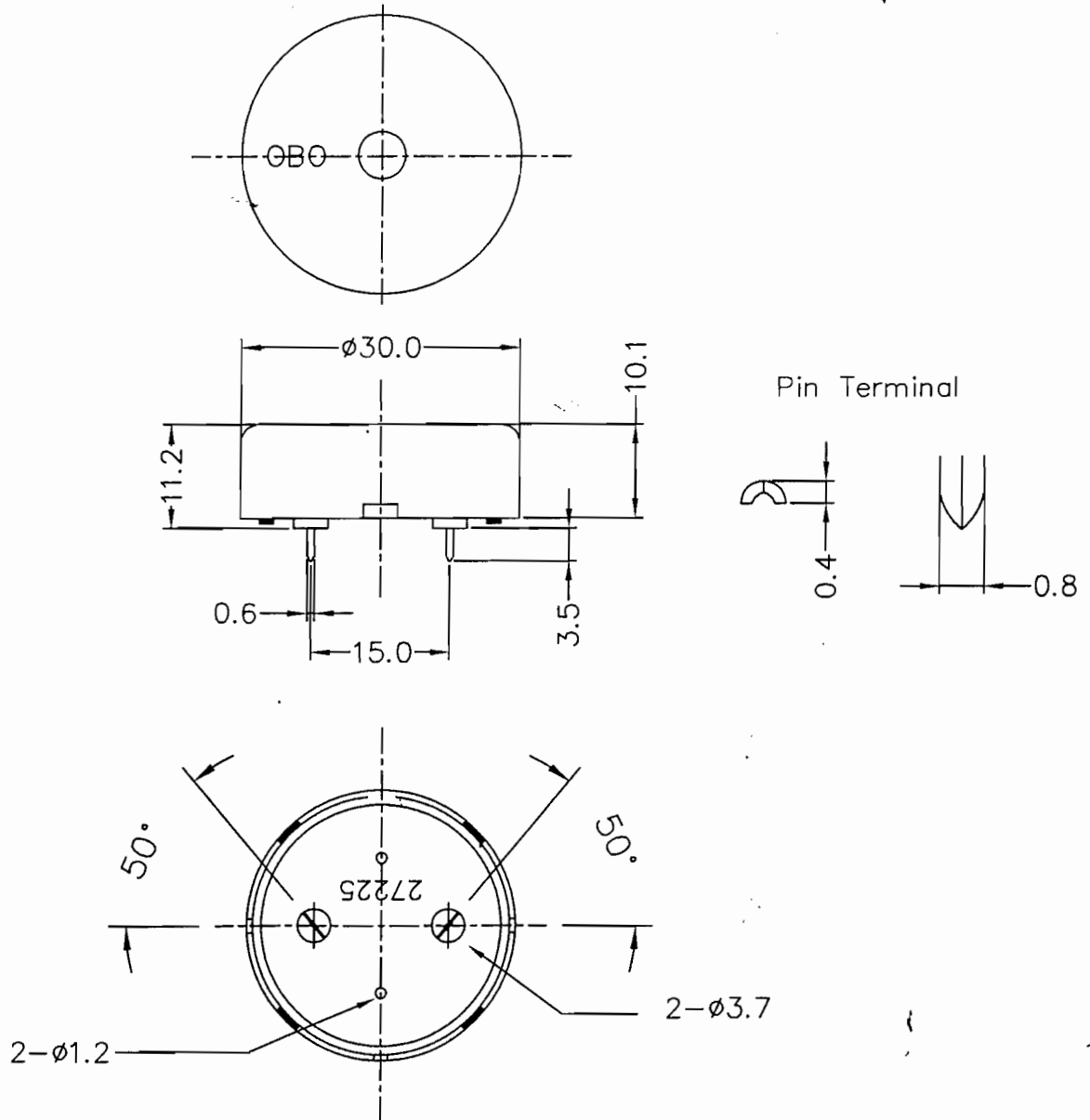
2.2 Measuring condition

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.Mechanical Layout & Dimensions :

3.1 Dimensions

Unit : mm Tolerance : ±0.5



3.2 Environment-related substances to be controlled

◎ 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).

4. Soldering Condition : ※1

4.1 Hand Soldering

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

4.2 Wave Soldering

Peak temperature	Dipping time	Soldering
+ 260°C	5 seconds	1 time

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SPECIFICATIONS

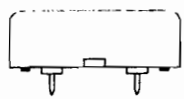
MODEL NO.
OBO-27225

PART NAME
Piezoelectric Buzzer

SHEET
5 OF 5

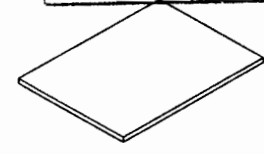
OBO PRO.2 INC.
2008 NOV 10
文件发行章

5. Packing :

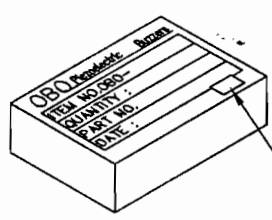
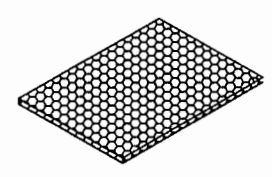


Buzzer

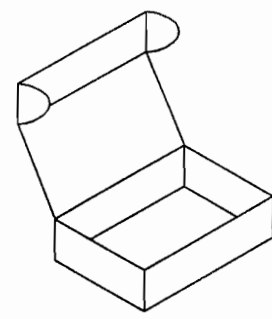
Paper Cut
(19.5*14.5*3.2cm)



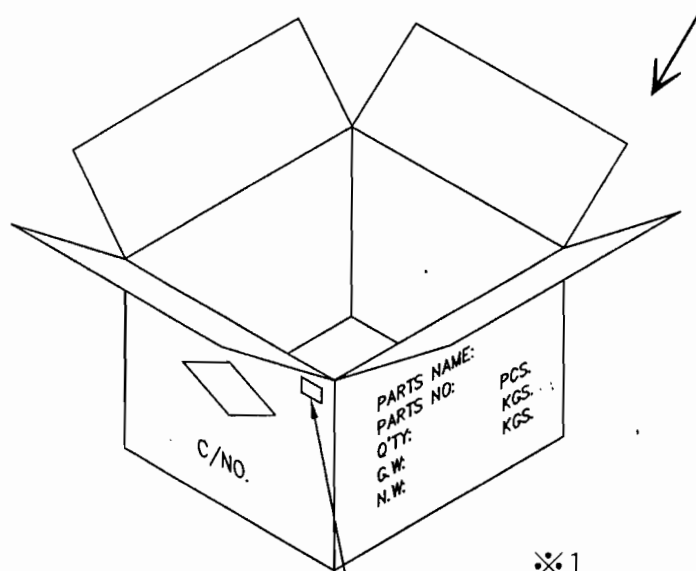
Foam Pad
(20.0*14.5*0.5cm)



※1
RoHS Tape



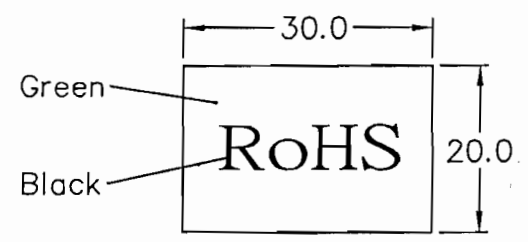
90pcs(3 Layer)/Inside Box
218*152*61m/m



※1
RoHS Tape

2,700pcs(30 Box)/Carton

2.52才 (488*452*352m/m)



RoHS Tape
(30*20mm)