



OBO Pro.2®	SPECIFICATIONS	MODEL NO. OBO-35C1
	PART NAME Piezoelectric Buzzer	SHEET 1 OF 5

ALTERNATION HISTORY

Marking	Date	ECN NO.	REV.	Description	Page	PREPARE BY	APPROVE BY
※2	DEC.15'06	0612009	J	Conformity RoHS Directive (2002/95/EC) Requests.	5		陳建合

REV.	DATE	PREPARED BY	CHECKED BY	APPROVED BY
J	DEC,15,2006	MIA		陳建合

OBO Pro.2®	SPECIFICATIONS	MODEL NO. OBO-35C1
	PART NAME Piezoelectric Buzzer	SHEET 2 OF 5

MODEL NO : OBO-35C1

Features : Built-in Circuit & Lead Wire Type.

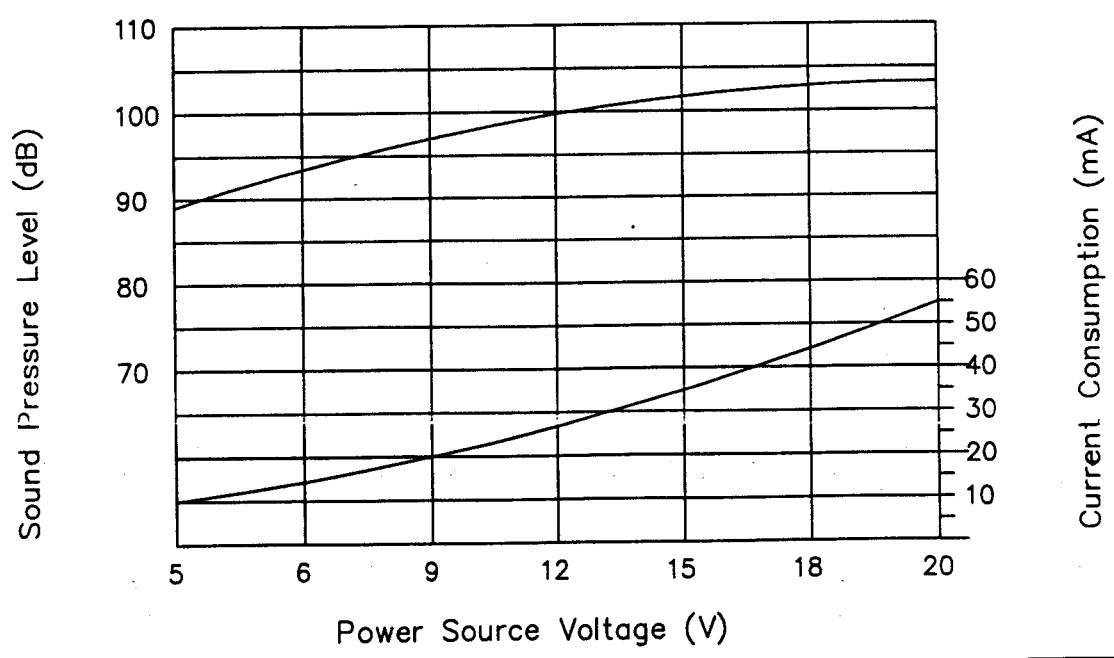
Conformity RoHS Directive (2002/95/EC) Requests. ※2

1. General Requirements

Items	Spec.
Sound Pressure Level	88dB min./30cm/DC9V
Oscillating Frequency	2.8 ± 0.5KHz
Current Consumption	8mA max./DC9V
Tone	Continuous Tone
Operating Voltage	DC 3 to 30V
Case Material	PBT
Operating Temp. Range	-20°C to +70°C
Storage Temp. Range	-40°C to +85°C
Weight	13.0 gms
Voltage vs Sound Pressure vs Current Consumption Curve	As Per Fig.1

Fig.1:

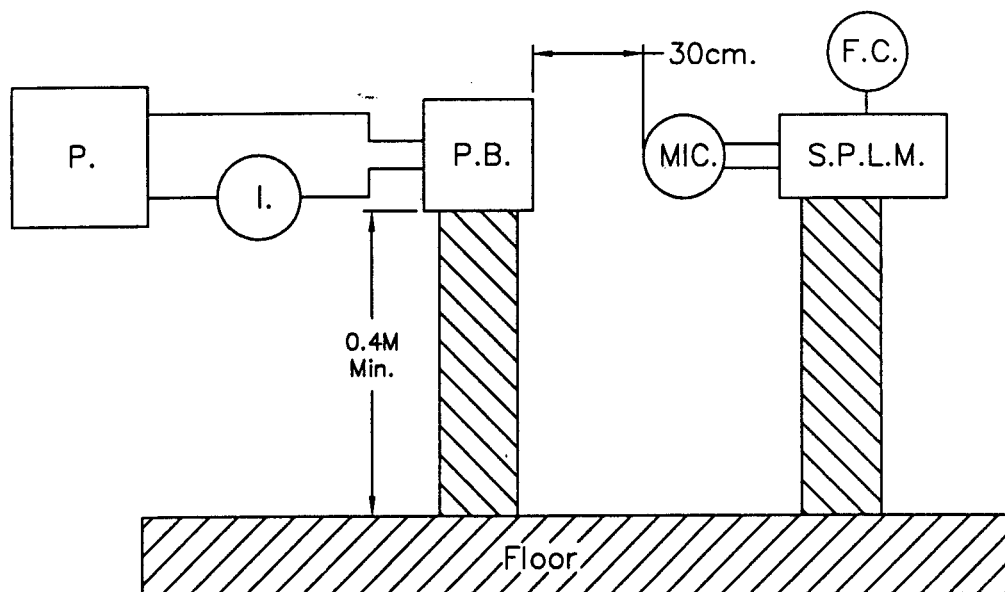
Measurement Distance : 30cm./Sound Level Meter By IEC651 TYPE2
Current Consumption By GDM-8145/DC Power Supply By GPC-3030D



OBO Pro.2[®]	SPECIFICATIONS	MODEL NO. OBO-35C1
	PART NAME Piezoelectric Buzzer	SHEET 3 OF 5

2. Test Method :

2.1 Standard Test Diagram



- P.: DC Power Supply GPC-3030D or Equivalent
- S.P.L.M.: Sound Precision Level Meter IEC651 TYPE2 or Equivalent
- I.: Multimeter GDM-8145 or Equivalent
- F.C.: Function Generator GFG-8016G or Equivalent
- P.B.: Piezoelectric Buzzer

2.2 Standard Test Condition ※2

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.

OBO Pro.2

SPECIFICATIONS

MODEL NO.
OBO-35C1

PART NAME
Piezoelectric Buzzer

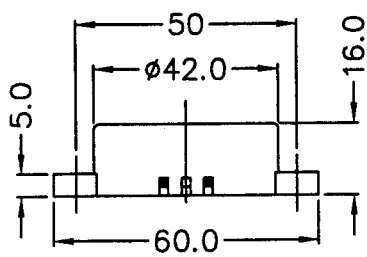
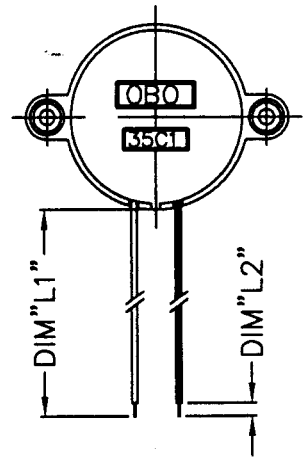
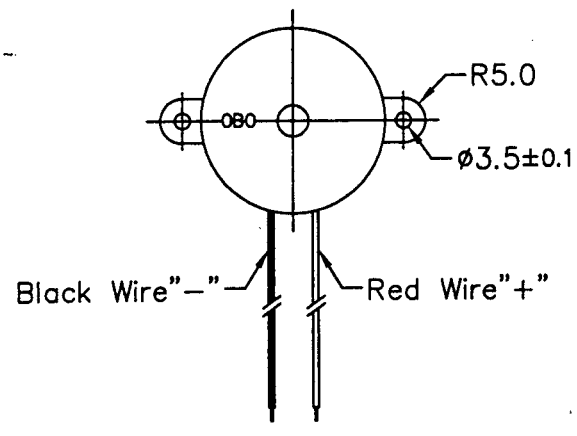
SHEET
4 OF 5

3. Mechanical Layout and Dimensions :

3.1 Dimensions

Unit: mm

Tolerance: ±0.5



Customer	Lead Wire	DIM"L1"	DIM"L2"
Standard	UL 1007 26AWG	120±5	5±1

3.2 Environment-related substances to be controlled ※2

◎ 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).

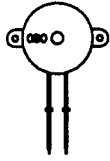
4. Soldering Condition : ※2

4.1 Hand Soldering

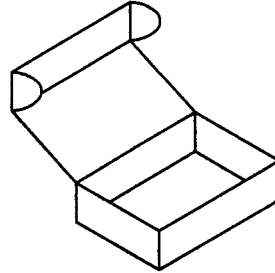
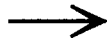
Iron Tip Temperature	Soldering time
+ 380°C Max.	Duration 3 seconds Max.

OBO Pro.2	SPECIFICATIONS	MODEL NO. OBO-35C1
	PART NAME Piezoelectric Buzzer	SHEET 5 OF 5

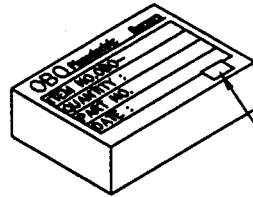
5. Package :



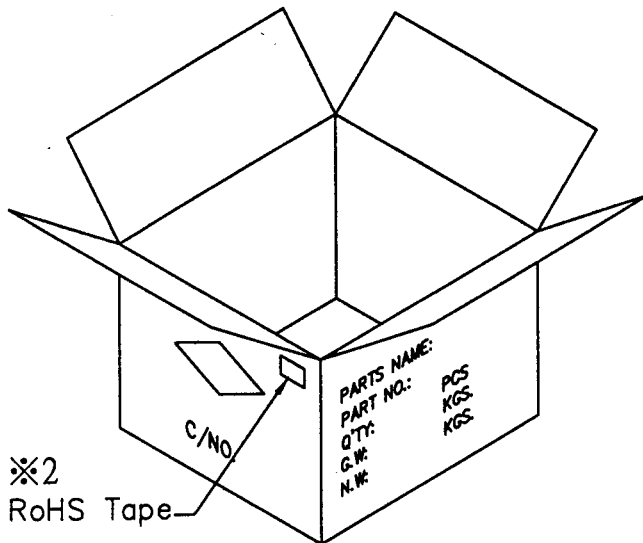
Buzzer



50pcs./Inside Box
(218*152*61mm)

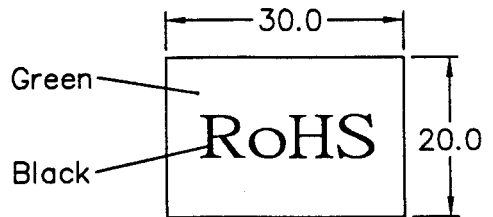


RoHS Tape※2



※2
RoHS Tape

30 Box(1500pcs.)/Carton
2.52寸(488*452*330mm)



RoHS Tape
(30*20 mm)