

REV.	DATE	PREPARED BY	CHECKED BY	APPROVED BY
J	APR,3.2016	曾梅梅	林建宏	范文岳

	SPECIFICATIONS	MODEL NO OBO-35D1
	PART NAME Piezoelectric Buzzer	SHEET 2 OF 5

MODEL NO : OBO-35D1

Features: Built-in Circuit

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

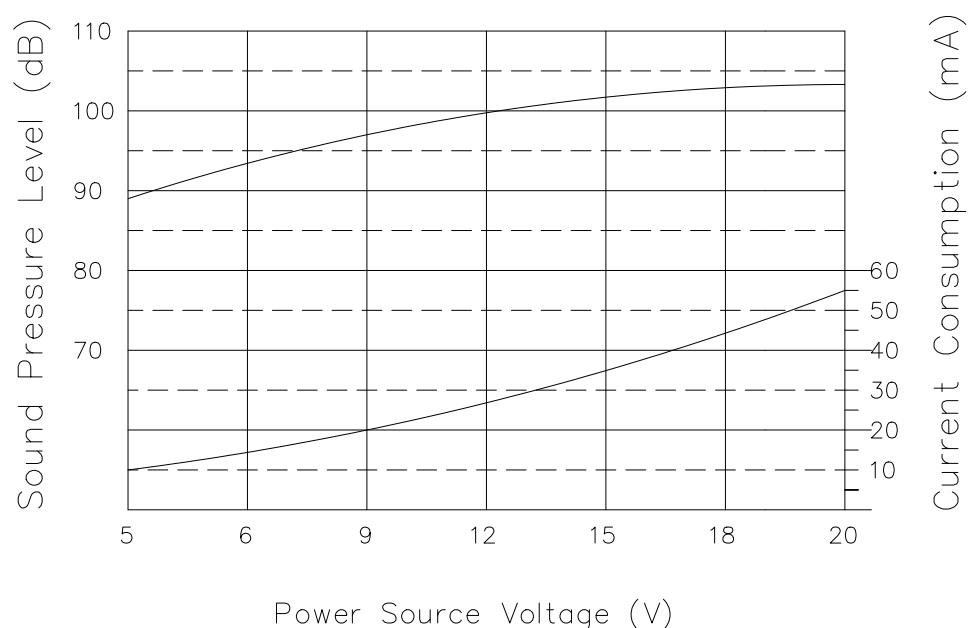
1. General Specifications:

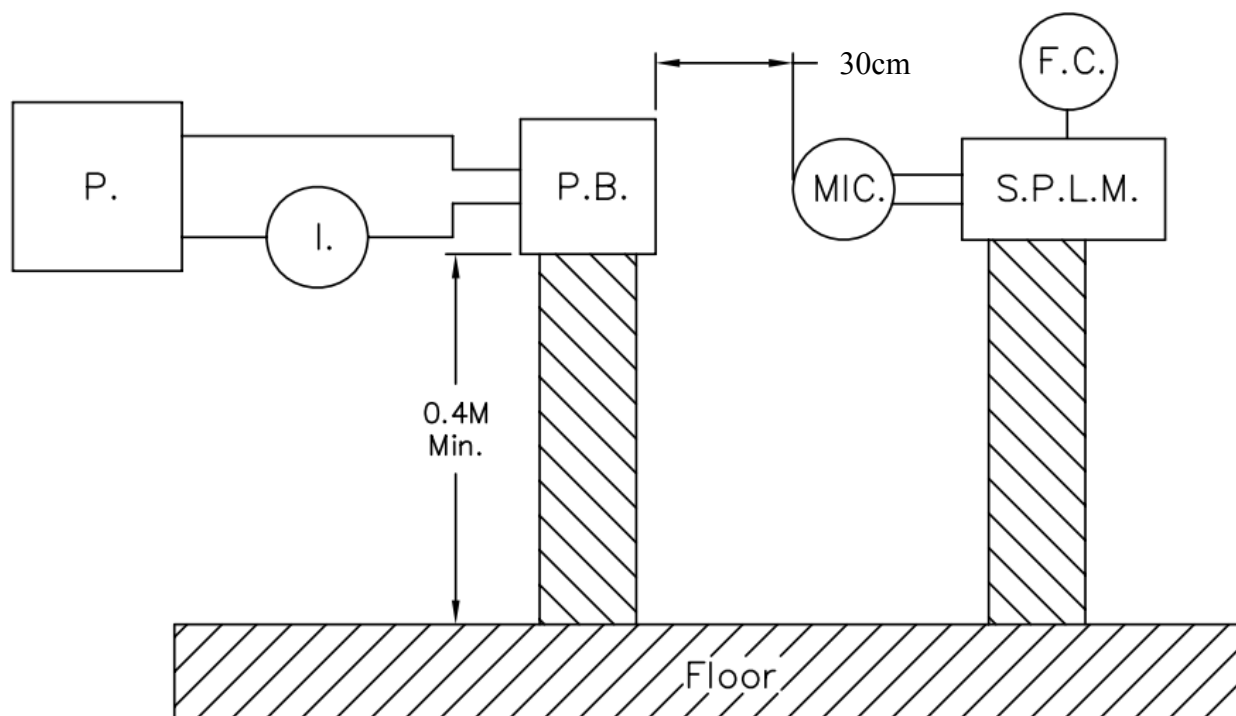
	Items	Spec.
1.1	Sound Pressure Level	97dB min./30cm/DC9V
1.2	Oscillating Frequency	abt. 2.9 or 3.05KHz/DC9V
1.3	Current Consumption	20mA max./DC9V
1.4	Tone	Dual Tone:320ms±20%/DC9V
1.5	Operating Voltage	DC 5 to 20V
1.6	Case Material	PC (UL94V-2)
1.7	Operating Temp. Range	-20℃ to +70℃
1.8	Storage Temp. Range	-40℃ to +85℃
1.9	Weight	15.0gram

Fig.1:

Measurement distance : 30cm. / Sound Level Meter By IEC651 TYPE2

Current Consumption By GDM-8145/DC Power supply by GPC-3030D



2. Test Method :**2.1 Standard Test Diagram**

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

2.2 Standard Test Condition

Part shall be measured under a condition

(Temperature: +5°C to +35°C, Humidity: 45% to 85%R.H.)

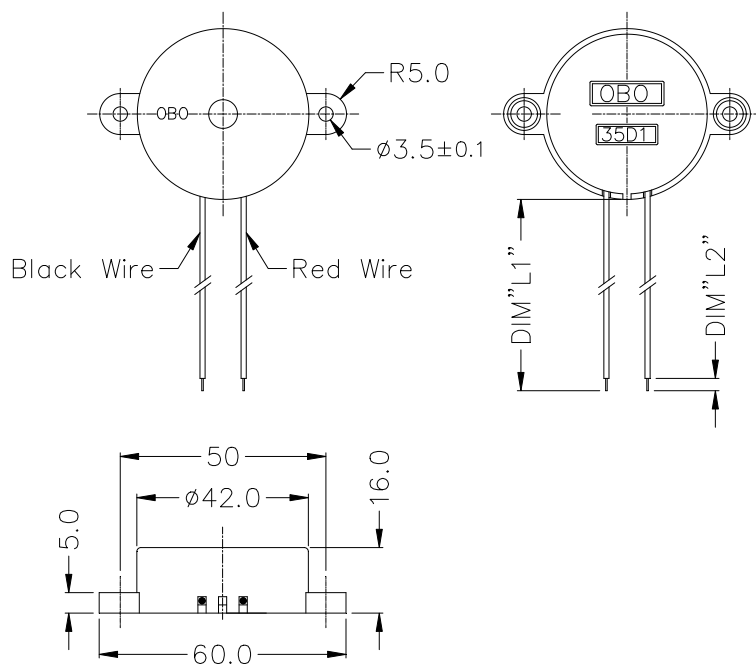
unless the standard condition (Temperature: +25±2°C,

Humidity: 60±10%R.H.) is regulated to measure.

3. Mechanical Layout and Dimensions:

3.1 Dimendions

Tolerance: $\pm 0.5\text{mm}$ Unit: mm



Customer	Lead Wire	Dim" L1 "	Dim" L2 "
Standard	UL1007#26	120±5	5±1

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).

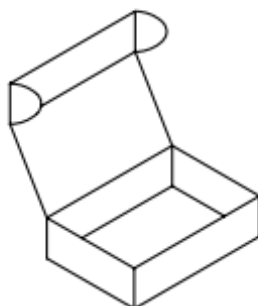
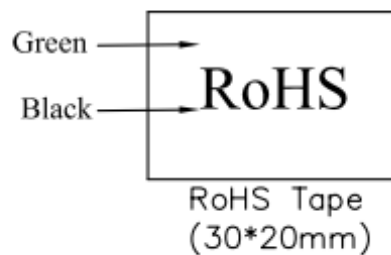
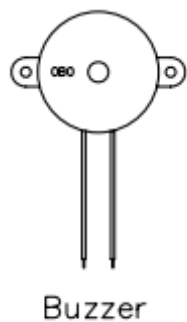
* Lead in electronic ceramic parts.(e.g. piezoelectronic devices).

4 、Soldering Condition :

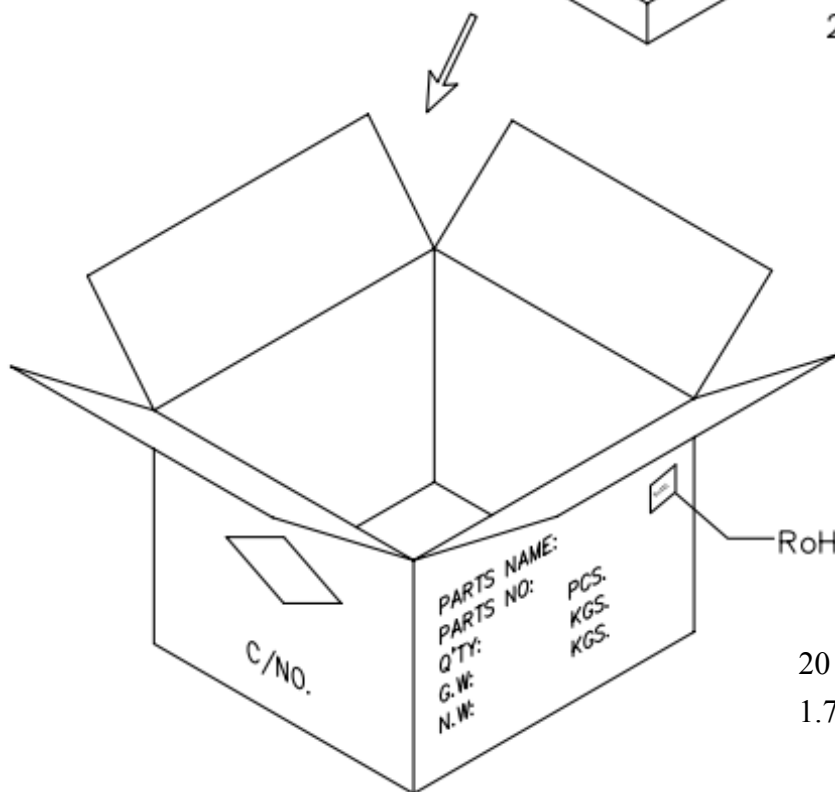
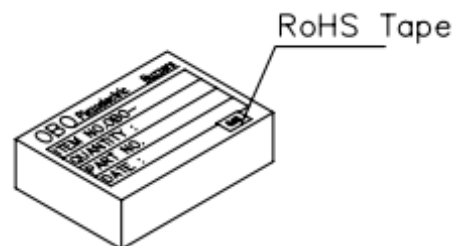
4.1 Hand Soldering

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

5、Packing Information : ※1



50pcs./Inside Box
21.8*15.2*6.1cm



RoHS Tape

20 Box (1000pcs)/Carton
1.74 才 (40*38.2*33)