



SPECIFICATIONS

MODEL NO
OBO-35C4

PART NAME
Piezoelectric Buzzer

SHEET
2 OF 5

MODEL NO : OBO-35C4

Features : Built-in Circuit & Pb-free Soldering Type ※1

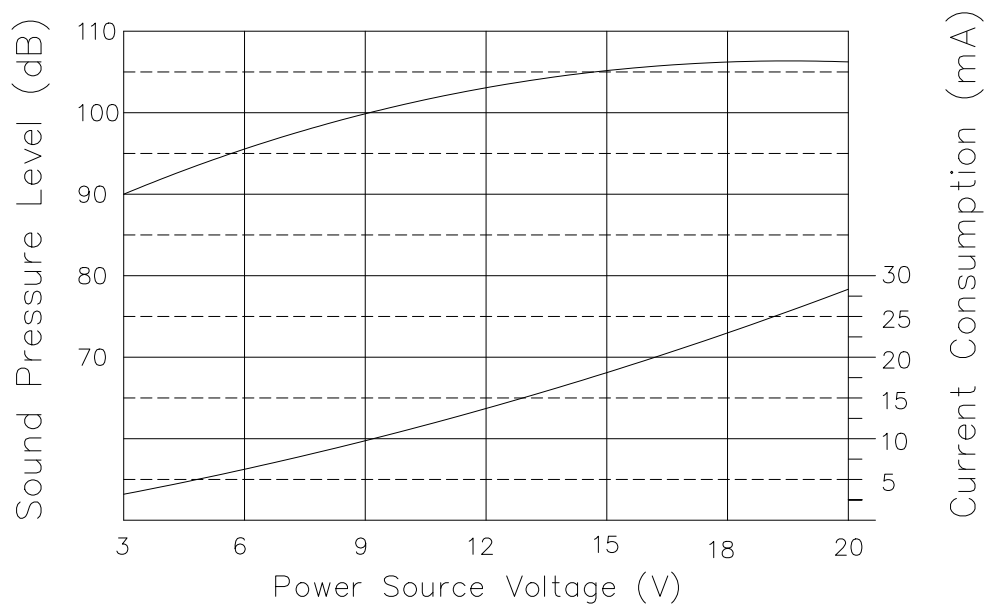
1. General Specifications:

	Items	Spec.
1.1	Sound Pressure Level	88dB min./30cm/DC9V
1.2	Oscillating Frequency	2.8 ± 0.5 KHz
1.3	Current Consumption	8mA max./DC9V
1.4	Tone	Continuons Tone
1.5	Operating Voltage	DC 3 to 30V
1.6	Case Material	PC (UL94V-2)
1.7	Operating Temp. Range	-20°C to +70°C
1.8	Storage Temp. Range	-40°C to +85°C
1.9	Weight	13.0gram
1.10	Voltage vs Sound Pressure vs Current Consumption Curve	As Per Fig.1

Fig.1:

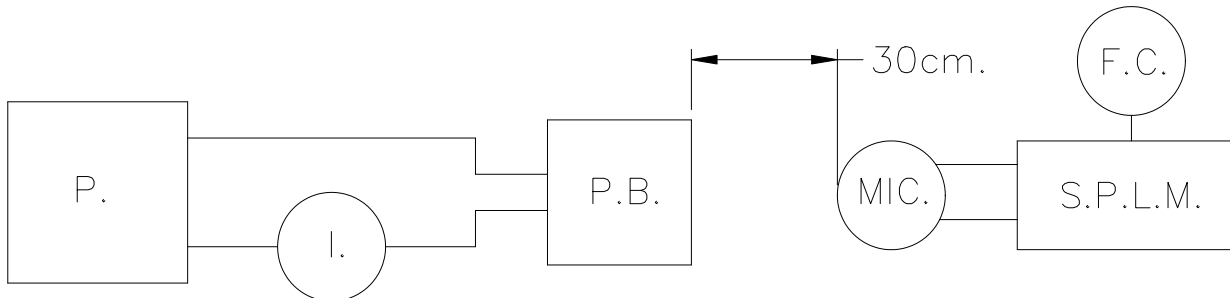
Measurement distance : 30cm. / Current consumption by GDM-8145

Sound level meter by IEC651 TYPE2 / 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.)

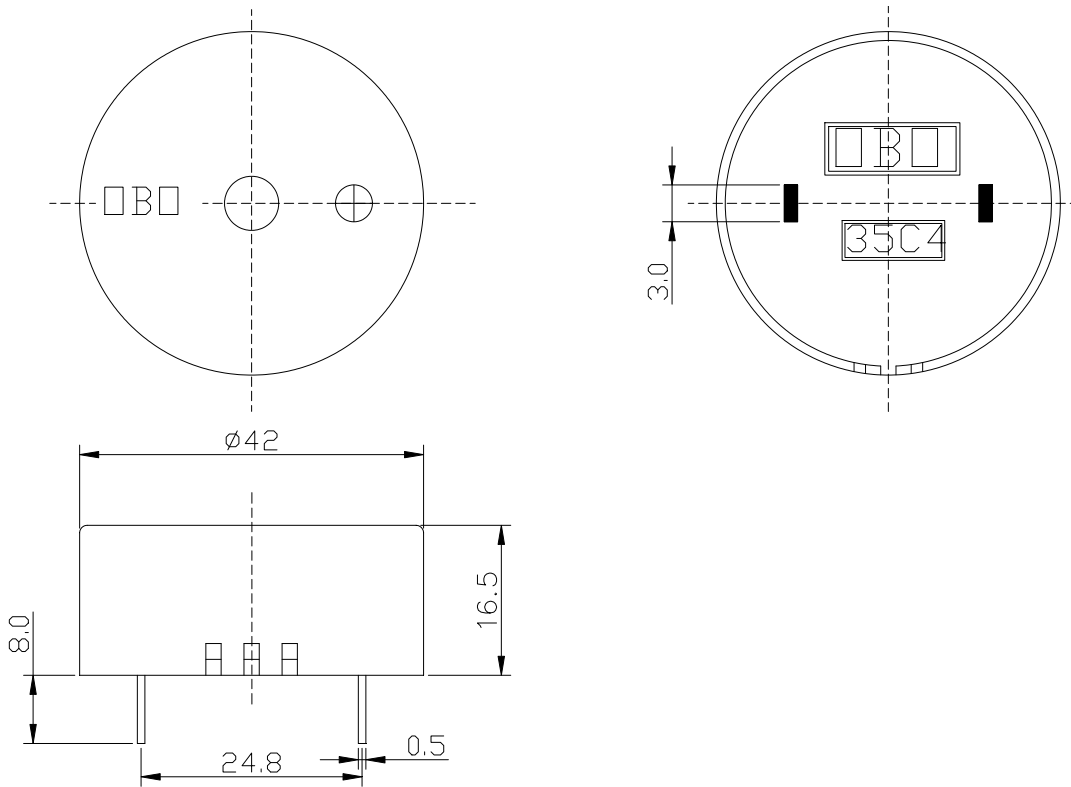
unless the standard condition (Temperature: +25±2°C,

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



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).

◎Ni-Alloy Plate.

RoHs Annex :

Lead in an alloying element in steel containing up to 0.35% lead by weight, aluminium containing up to 0.4% lead by weight and as a copper alloy containing up to 4.0% lead by weight.

4 · Soldering Condition :

4.1 Wave Soldering

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

4.2 Hand Soldering

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

5 · Packing Information :

