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Specification for Approval

NO.:

Part Name : Piezoelectric Buzzer
Model No. : OBO-23240
Date : DEC.23,2003

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Version	G	G	G	G	G									

CHANGES

No.	Date	ECN. No.	Version	Description	Sign
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Please kindly make approval of our samples, And return this form by fax or airmail, Thanks for your kind attention and co-operation.

(請對我們公司樣品給予承認, 承認後加蓋承認章以傳真或郵寄方式回覆, 謝謝貴公司的支持與合作)

Customer Name : _____

Customer Part No. : _____

Designed By	Checked By	Approval By

Model No. : OBO-23240

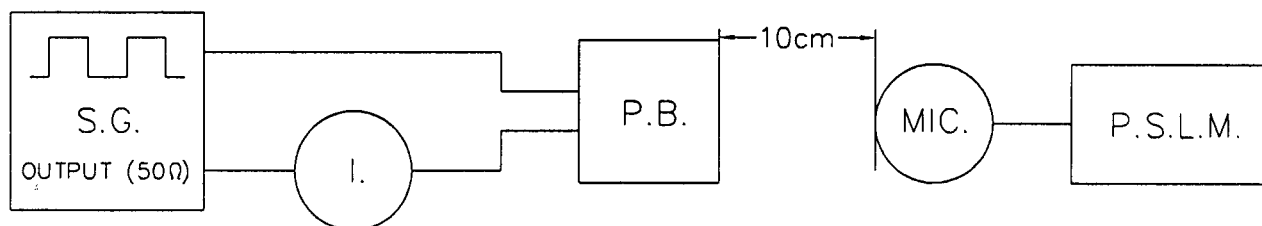
Features : Self Drive, Lead Pin Type

1. General Requirements

Items	Spec.
Sound Pressure Level	85dB min. at 3.5KHz/9Vp-p Square Wave/10cm
	75dB min. at 3.5KHz/1.0Vrms Sine Wave/10cm
Capacitance	12,000pF $\pm$ 30% at 120Hz
Current Consumption	4mA max. at 3.5KHz/9Vp-p Square Wave
Allowable Input Voltage	30Vp-p max.
Case Material	PBT(UL 94V-0)
Lead Pin Material	Phosphor Bronze
Operating Temp. Range	-20°C to +70°C
Storage Temp. Range	-40°C to +85°C
Weight	3.4 gms
Frequency Response	As Per Fig.1

2. Measuring Method

2.1 S.P.L Measuring Circuit



- ☆ S.G. : GFG-8016G Function Generator or Equivalent
- ☆ MIC. : B&K-4176 Microphone 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.

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

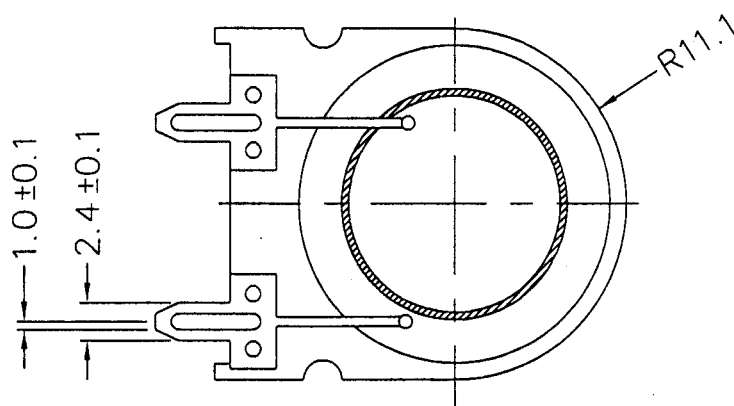
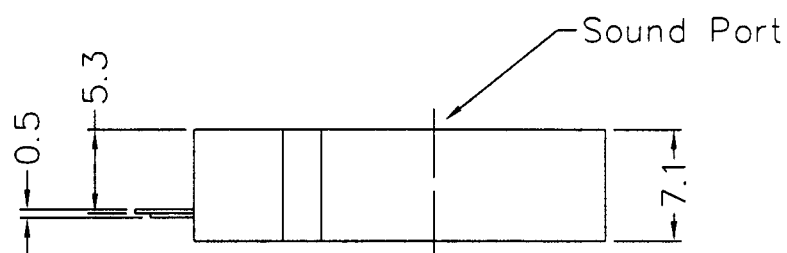
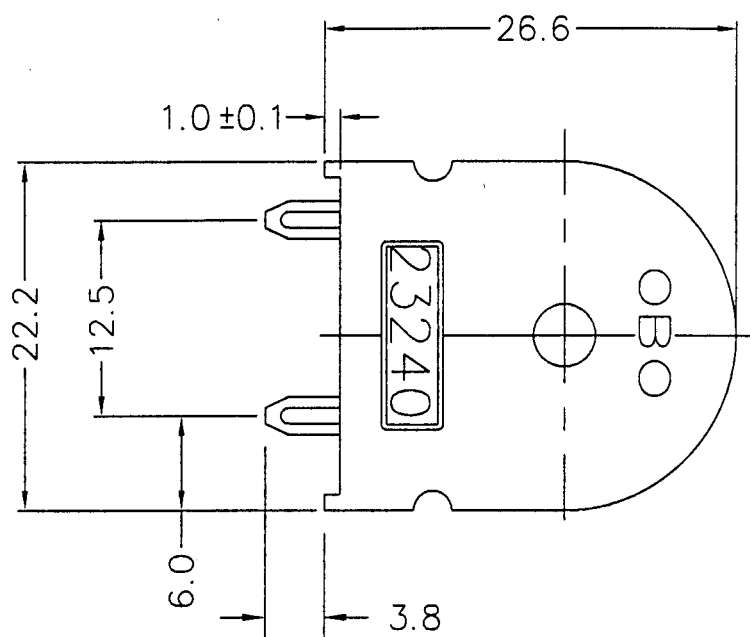
(Temperature: +25 $\pm$ 3°C, Humidity: 60 $\pm$ 10%R.H.) is regulated to measure.

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3. Shape & Dimensions

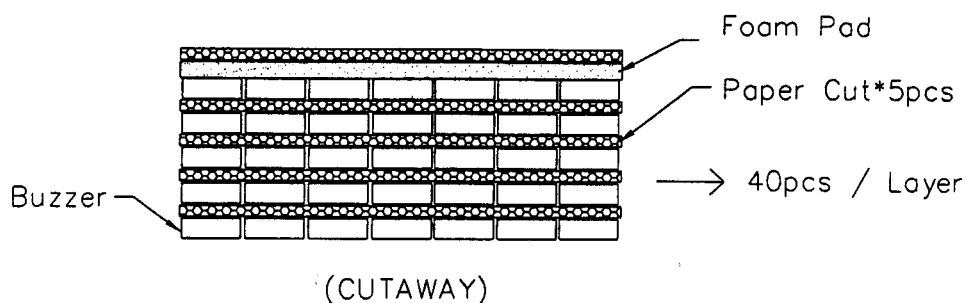
Unit : mm

Tolerance : ± 0.5

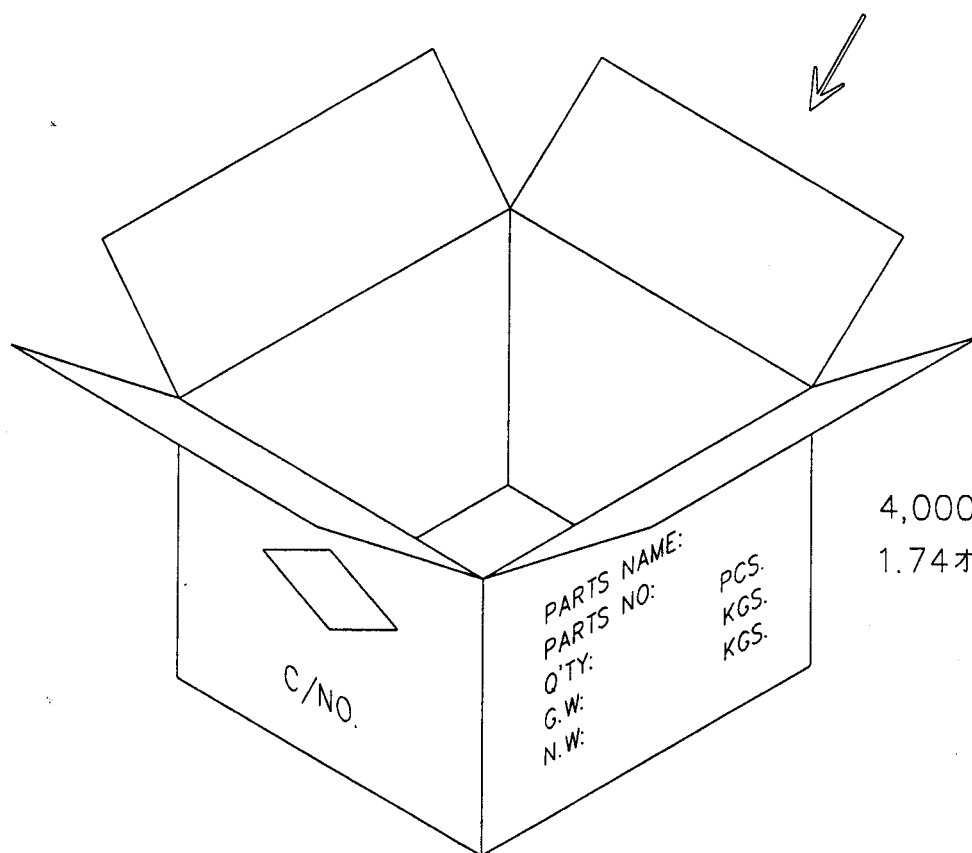
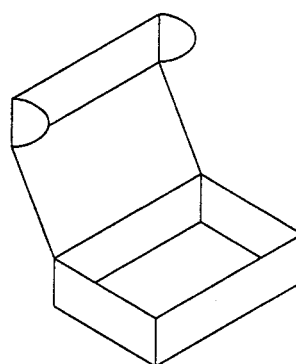


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4. Package



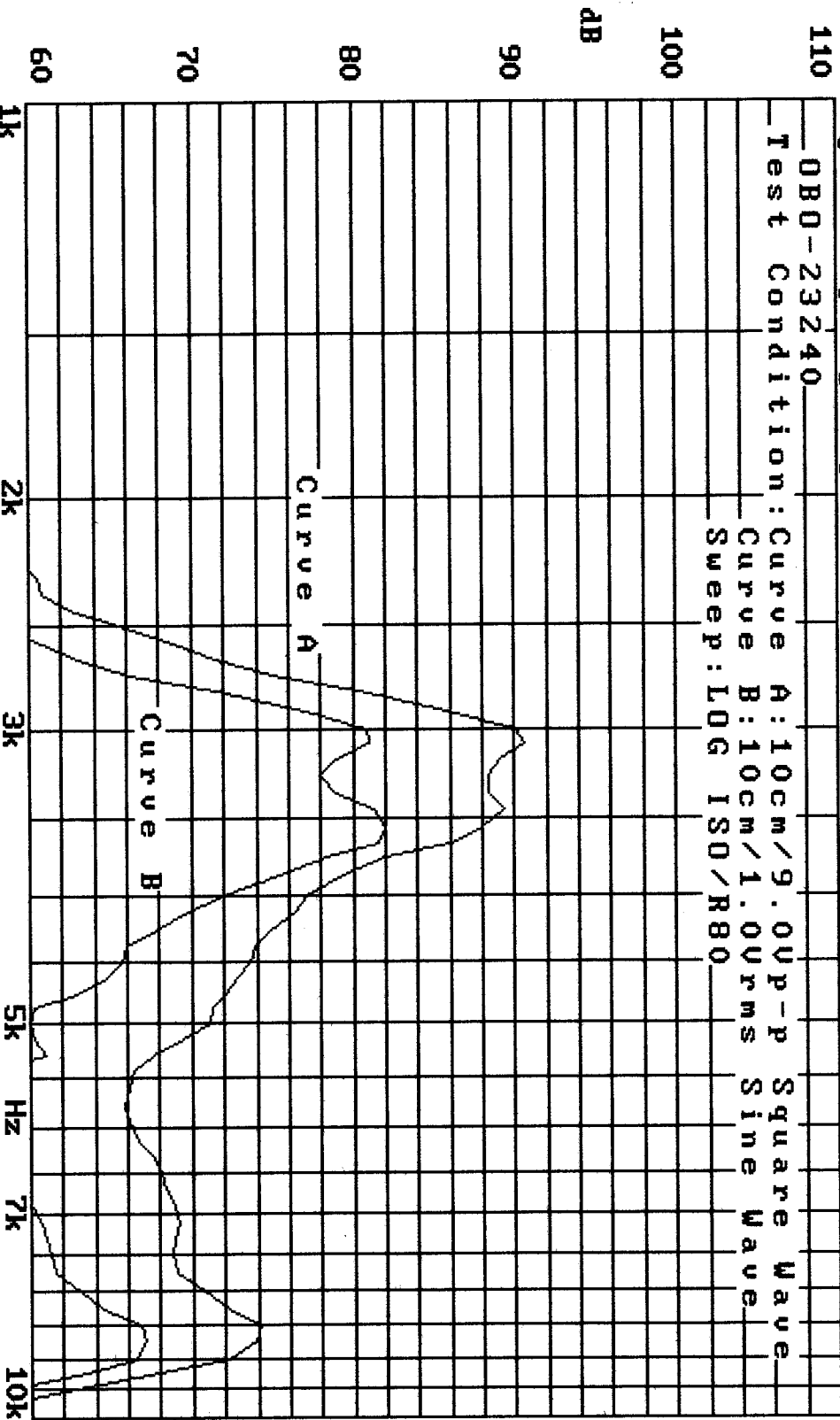
200pcs(5 Layer)/Inside Box
218*152*61m/m



4,000pcs(20 Box)/Carton
1.74才 (400*382*358m/m)

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Fig.2: Frequency Response, Magn dB re 20.00µpa



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Mode: SSR

