

PART NAME
Piezoelectric BuzzerOBO PRO SHEET
2 OF 5

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MODEL NO : OBO-13240PA**Features :** External drive & Wave solder and wash not allowed

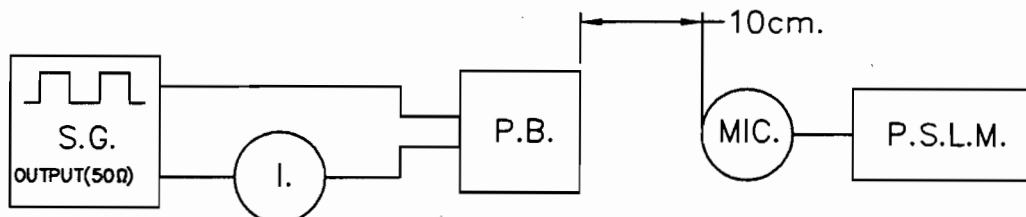
Conformity RoHS Directive (2002/95/EC) Requests. ※3

1. General Requirements

Items	Spec.
Sound Pressure Level	80dB Min. at 4.0KHz/9.0Vp-p Square Wave/10cm.
	70dB Min. at 4.0KHz/1Vrms SineWave/10cm.
Capacitance	7,500pF ± 30% at 120Hz
Current Consumption	3mA Max. at 4.0KHz/9Vp-p Square Wave
Allowable Input Voltage	15Vp-p Max.
Case Material	PBT
Lead PIN Material	Phosphor Bronze
Operating Temp. Range ※3	-25°C to +70°C
Storage Temp. Range	-40°C to +80°C
Weight	0.7 grams
Shape & Dimensions	AS Per Fig.1

2. Test Method

2.1 Standard Test Diagram



- S.G. : GAG-8016G Function Generator or Equivalent
- MIC. : B&K-4176 Micphone 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

PART NAME
Piezoelectric Buzzer

OBO PRO.2 SHEET
2008.MIG.08 3 OF 5

文件发行章

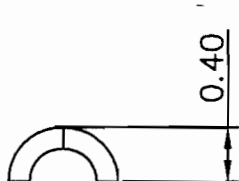
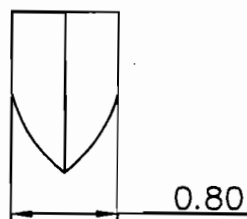
2.2 Standard Test Condition

Part Shall be measured under a condition(Temperature: +5 to +35℃
Humidity: 45% to 85%R.H.) unless the standard condition
(Temperature: +25±3℃,Humidity: 60±10%R.H.) is regulated to measure.

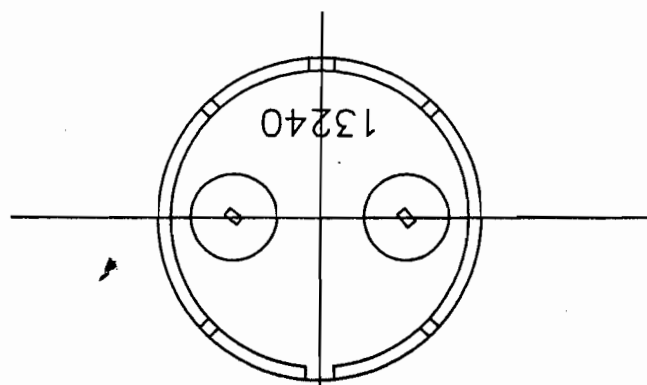
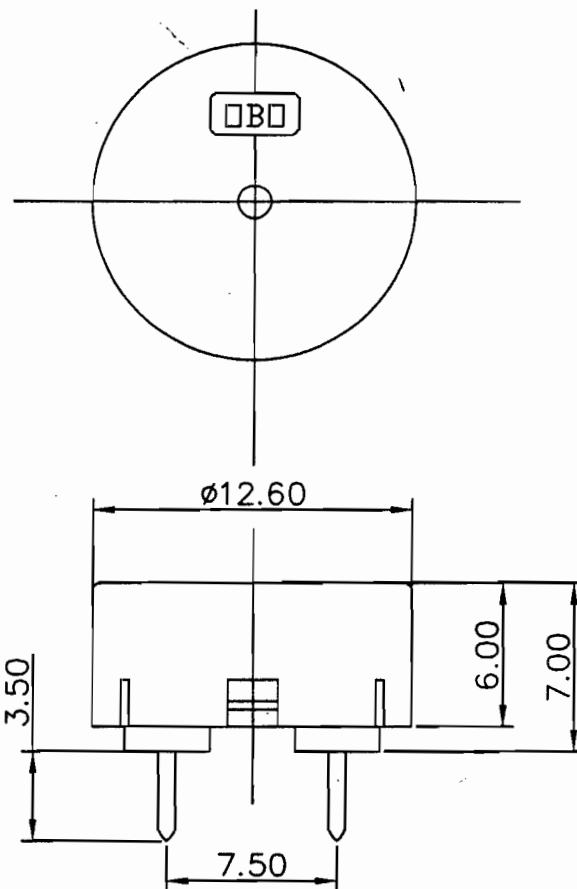
3. Mechanical Layout and Dimensions

Fig.1:

Unit : mm Tolerance : ±0.5



Pin Terminal



OBO.Pro.2.**SPECIFICATIONS**MODEL NO.
OBO-13240PAPART NAME
Piezoelectric BuzzerSHEET
OBO PROOF 15

2008 AUG 08

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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 Max.	Duration 3 seconds Max.

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SPECIFICATIONS

MODEL NO.
OBO-13240PA

PART NAME
Piezoelectric Buzzer

SHEET

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5. Packing Information :

