

ELECTRO ACOUSTIC TRANSDUCER

BRT1209PF Series

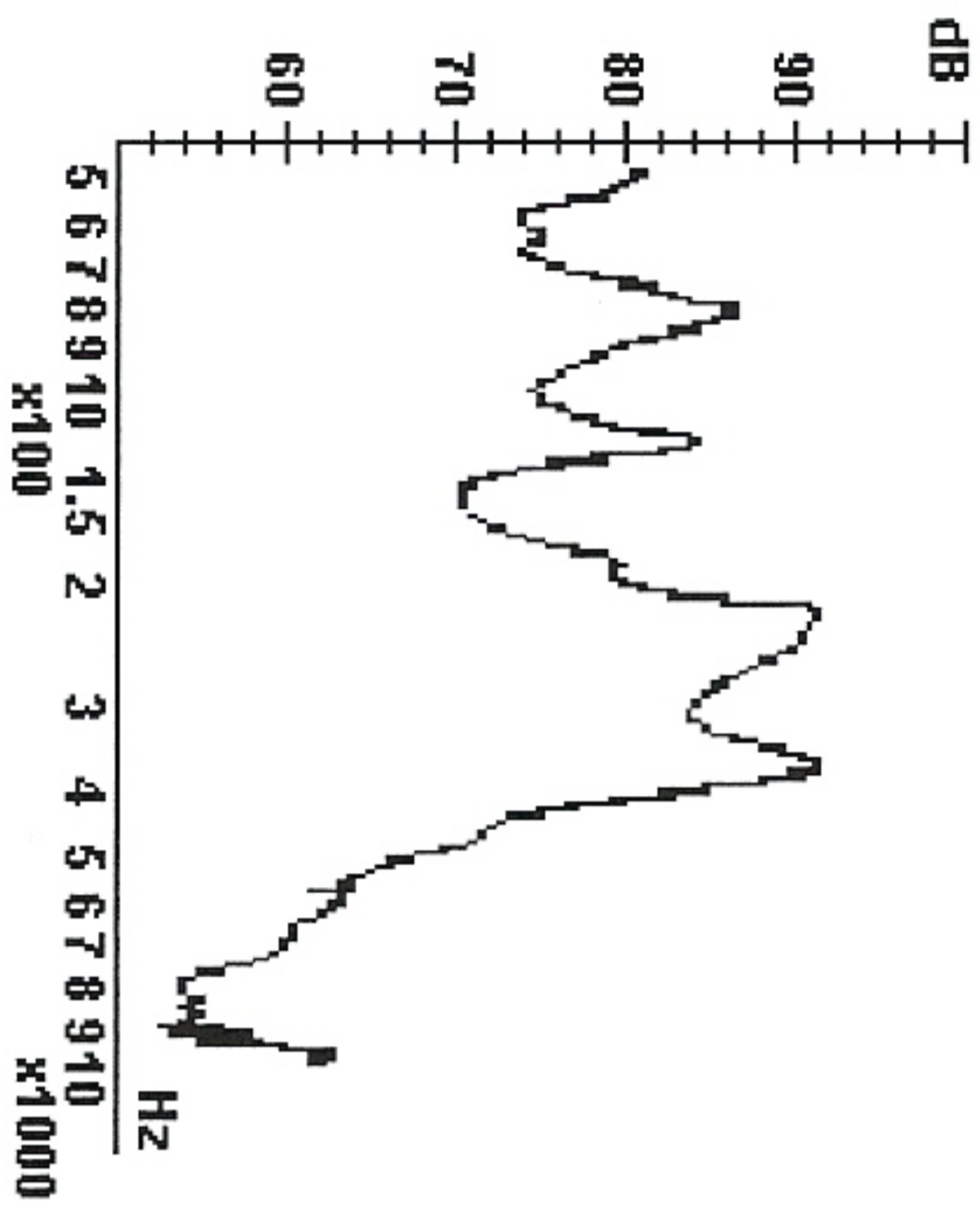
ROHS COMPLIANT

SPECIFICATIONS:

- **FEATURES:**
 - Dip Solderable, washable.
 - Wide voltage and temperature range.

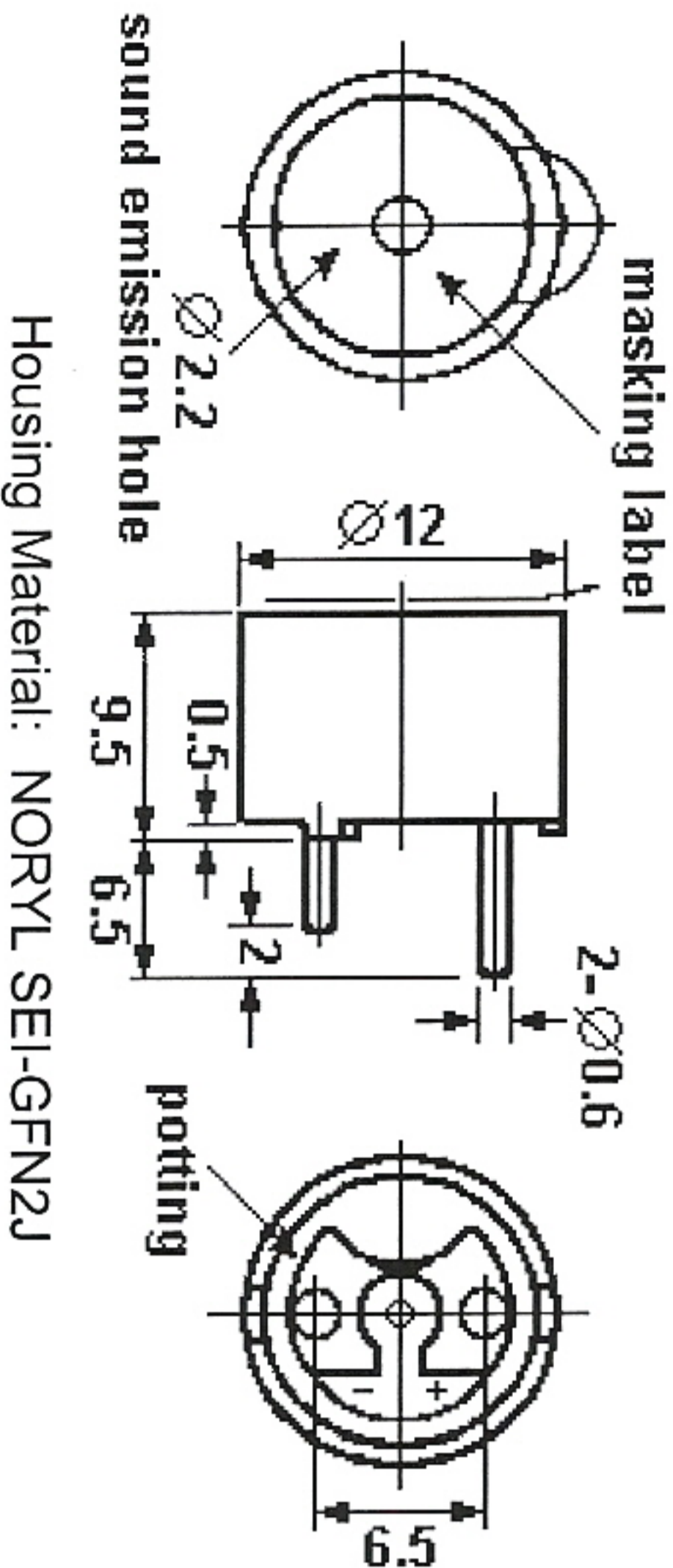
- **FREQUENCY RESPONSE:**

(Actual curve of the BRT1209PF-06.)



Applied voltage: 5V, 1/2 duty, square wave
Distance for measurement: 10 cm

- **DIMENSIONS:**



| MODEL NO. | BRT1209PF Series | | |
|--------------------------|------------------|------------------|--------------|
| | BRT1209PF-01 | BRT1209PF-06 | BRT1209PF-12 |
| RATED VOLTAGE (Vdc) | 1.5 | 5 | 12 |
| OPERATING VOLTAGE (Vdc) | 1 ~ 3 | 3 ~ 8 | 6 ~ 15 |
| *COIL RESISTANCE (ohm) | 6.5 ± 1 | 47 ± 5 | 140 ± 14 |
| *COIL IMPEDANCE (ohm) | 16 | 80 | 240 |
| *RATED CURRENT (mA) | Max. 40 | | |
| SOUND OUTPUT @ 10cm (dB) | MIN. 75 | MIN. 85 (TYP 95) | |
| RESONANT FREQUENCY (Hz) | 2400 | | |
| TEMPERATURE RANGE (°C) | - 40 ~ + 85 | | |
| WEIGHT (g) | 2 | | |
| DIMENSIONS (mm) | 12 D x 9.5 H | | |

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Title: **Electro Acoustic Transducer**

| | | |
|--------------------|-------------------------|--------------|
| Tolerance: ± 0.3mm | Intervox Model # | Rev. A |
| | BRT1209PF Series | |
| Unit: mm | Date: 1/15/2006 | Sheet 1 of 1 |