

# ELECTRO ACOUSTIC TRANSDUCER

## BRT1209PF Series

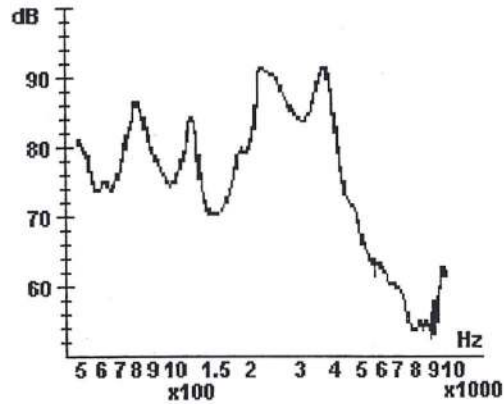
### ROHS COMPLIANT

#### ■ FEATURES:

- Dip Solderable, washable.
- Wide voltage and temperature range.

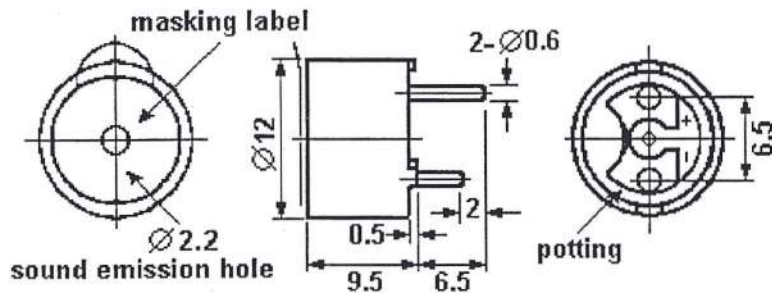
#### ■ FREQUENCY RESPONSE:

(Actual curve of the BRT1209PF-06.)



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

#### ■ DIMENSIONS:



Housing Material: NORYL SEI-GFN2J

#### SPECIFICATIONS:

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		

INTERVOX  
**International** ©

International Components Corporation

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Title:

**Electro Acoustic Transducer**

Tolerance:  
± 0.3mm

Intervox Model #

**BRT1209PF Series**

Rev.  
**A**

Unit: mm

Date: 1/15/2006

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