

# ELECTRO ACOUSTIC TRANSDUCER

## BRT1615P-SERIES

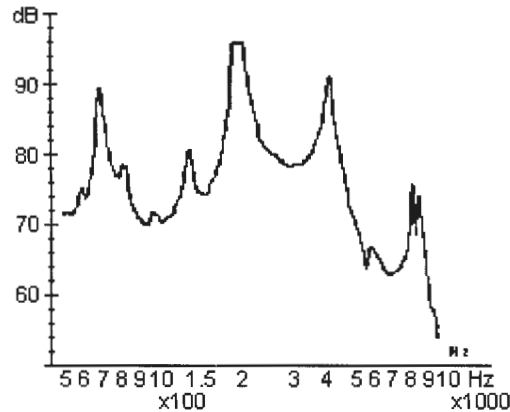
### ROHS COMPLIANT

#### FEATURES (Without Circuits)

- Sealed design for automatic soldering and washing
- Low current consumption

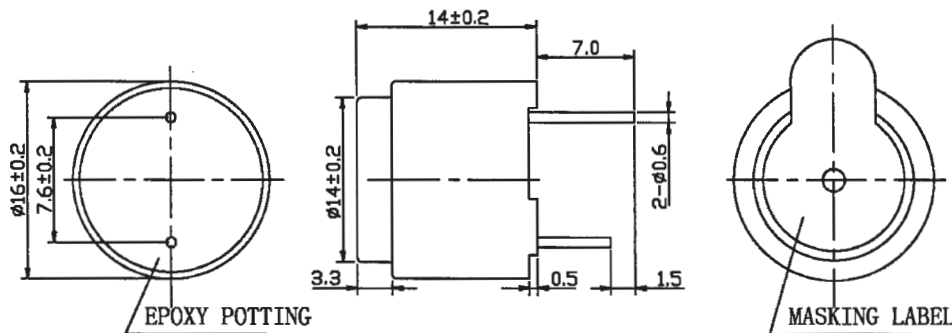


#### FREQUENCY RESPONSE



Applied Voltage: 6V, 1/2 duty, square wave  
Distance for Measurement: 10cm

#### DIMENSIONS



Wave Solder And Wash Allowed

Tolerance:  $\pm 0.5$  mm

#### SPECIFICATIONS

Model No.	BRT1615P-01	BRT1615P-06	BRT1615P-12
Rated Voltage (VDC)	1.5	6	12
Operating Voltage (VDC)	1~3	3~12	8 ~ 15
*Rated Current (mA)	MAX.12	MAX. 40	
Coil Resistance (Ohm)	$30 \pm 4.5$	$50 \pm 7$	$115 \pm 17$
**Coil Impedance (Ohm)	80	110	200
*Sound Output Level @10 cm(dB)	MIN. 85	MIN. 90	
*Resonant Frequency (Hz)	2,048		
Operating Temperature (°C)	-20 to +70		
Storage Temperature (°C)	-30 to +80		
Housing Material	Noryl SE1-GFN2J		
Weight (g)	7.0		

\*Value applying rated voltage (2,048Hz, 1/2 duty, square wave)

\*\*Value applying (2,048Hz, sine wave, measuring current 60uA)

INTERVOX  
**International** ©

INTERNATIONAL COMPONENTS CORPORATION  
215 MCCORMICK DRIVE, BOHEMIA, NY 11716  
FAX: 631-952-9595 FAX: 631-952-9597

Title:

**Electro Acoustic Transducer**

Code:  
G82

Intervox Model #

**BRT1615P-SERIES**

Rev  
A

Scale:  
mm

Date:  
2/15/2006

Sheet 1 of 1