

ELECTRO ACOUSTIC TRANSDUCER

BRT1612P-12

ROHS COMPLIANT

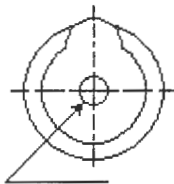


Color: Gray
Noryl SEI-GFN2 Housing Material
Pin Termination

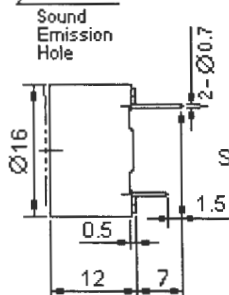
FEATURES

- Low frequency of 1.7KHz instead of 2KHz of conventional units
- Lower profile of 12mm for applications where height is limited
- Color coded with Gray case to highlight unique lower profile
- Sealed for dip solder & wash

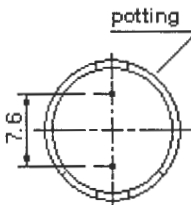
DIMENSIONS



Top View



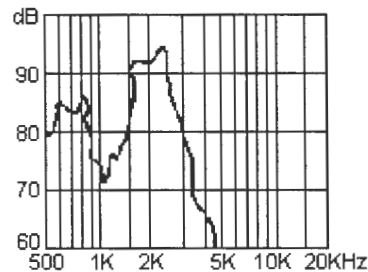
Side View



Bottom View

All dimensions are in mm.
Tolerance: ± 0.5 mm

FREQUENCY RESPONSE



Applied Voltage: 12V, 1/2 duty, square wave
Distance for measurement: 30cm

SPECIFICATIONS

Model No.	BRT1612P-12
Rated Voltage (VDC)	12
Operating Voltage (VDC)	6 ~ 15
*Rated Current (mA)	MAX. 50
Coil Resistance (Ohm)	135 \pm 20
**Coil Impedance (Ohm)	210
*Sound Output Level @10 cm (dB)	MIN. 85
*Resonant Frequency (Hz)	1700 - 2200
Operating Temperature ($^{\circ}$ C)	-40 to +90
Housing Material	Noryl
Weight (g)	4.0

*Value applying rated voltage (within reproduced frequency, 1/2 duty, square wave)
**Value applying (2,048 Hz, sine wave, measuring current 60uA)

INTERVOX
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Title:

Electro Acoustic Transducer

Code: G62	Intervox Model # BRT1612P-12	Rev A
Scale: mm	Date: 12/01/1995	Sheet 1 of 1