

ELECTRO ACOUSTIC TRANSDUCER

BST1811P Series

FEATURES

- Packaged in magazines for automatic insertion
- Sealed against contamination during wave solder washing
- Wide frequency response curve for consistent output
- Different pin lengths for polarity notation
- Wide operating voltage and temperature range
- Low power consumption
- Small size
- Low cost

FREQUENCY RESPONSE

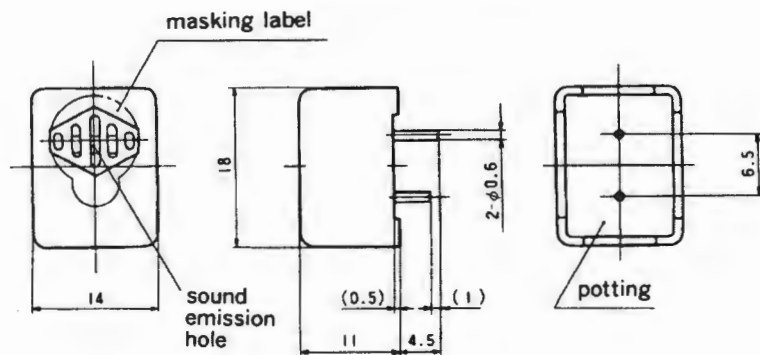
(actual curve of type BST1811P-06)



applied voltage: 6V, 1/2 duty, square wave
distance for measurement: 10cm

DIMENSIONS

40 Transducers per magazine



unit: mm
housing material: NORYL SE1-GFN2J

SPECIFICATIONS

Type	BST1811P-01	BST1811P-06	BST1811P-12
Rated Voltage(V)	1.5	6	12
Operating Volt(V)	1~2	3~10	6~15
**Rated Current (mA)	MAX.40		
Coil Resist.(ohm)	14+9	60+9	120+18
*Coil Impedance	22	90	170
**Sound Output at 10 cm (dB)	MIN.80	MIN.85	
Reproduced Freq. (Hz)	2,000 ~ 2,500 (MIN.80dB)		
Operating Temp(C)	-20~+70	-30~+85	
Storage Temp(C)	-30~+80	-40~+85	
Weight (g)	4		

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

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

APPLICATIONS

- Telephone tone ringer
- Feedback for keyboards
- Toys and alarm clocks
- Medical instruments
- Automotive safety equipment
- Battery operated equipment
- Computer peripheral equipment
- Microwave ovens
- Other household appliances

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Title

Electro Acoustic Transducer

Intervox Model #
BST1811P

Rev
A

Scale

Date 1/25/91

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