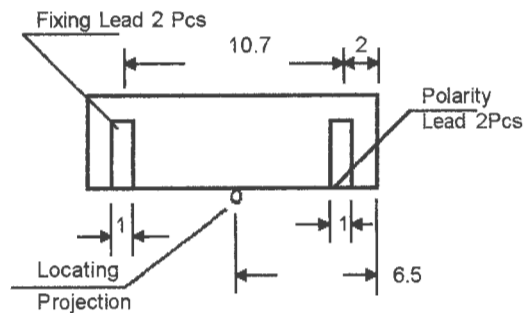
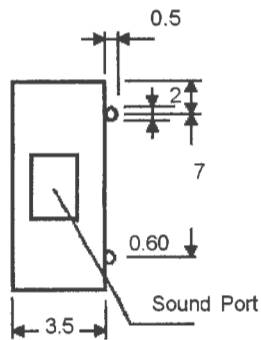
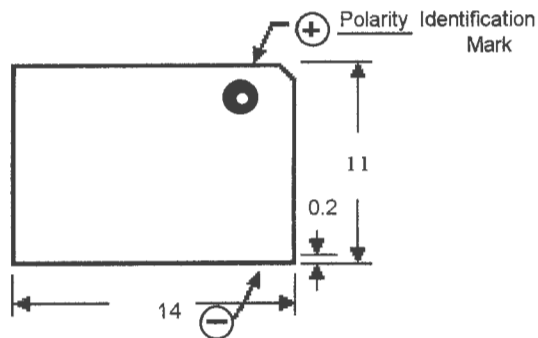


# SURFACE MOUNT TRANSDUCER

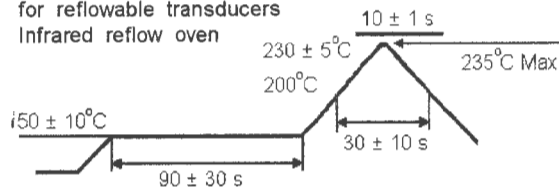
## BST1403SM Series

### Features

- Surface Mount Device
- Auto Insertion Tube Packaging



Recommended reflow oven temperature profile  
for reflowable transducers  
Infrared reflow oven



UNIT: MM  
TOLERANCE: ±0.3

### SPECIFICATIONS Electrical Characteristics (at 25°C)

| PARTNUMBER                | BST1403SM-01 | BST1403SM-03 | BST1403SM-05 |
|---------------------------|--------------|--------------|--------------|
| Rated Voltage (VDC)       | 1.5          | 3            | 5            |
| Operating Voltage (VDC)   | 1.2 ~ 1.7    | 2 ~ 4.5      | 3 ~ 7        |
| Rated Current (mA)        | < 80         | < 70         | < 100        |
| Coil Resistance (ohm)     | 9 ± 2        | 19 ± 2       | 25 ± 3       |
| *Sound Output @ 10cm (dB) | Min 87       | Min 85       | Min 87       |
| Resonant Frequency (Hz)   | 3200         |              |              |
| Operating Temp. (°C)      | -10 ~ +55    |              |              |
| Storage Temp. (°C)        | -55 ~ +85    |              |              |
| Weight (g)                | 1            |              |              |

\*Value applying rated voltage (3200 Hz, 1/2 duty square wave)

\*Value applying (3200Hz, sine wave, measuring current 60uA)

\*Packing style Auto Insertion Tubes

\*This transducer is non washable type

Housing Material: PPS Black

INTERVOX  
**International** ©

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

Title:

**Surface Mount Transducer**

Intervox Model #  
**BST1403SM Series**

Rev  
**A**

Scale

Date 1/6/99

Sheet 1 of 1