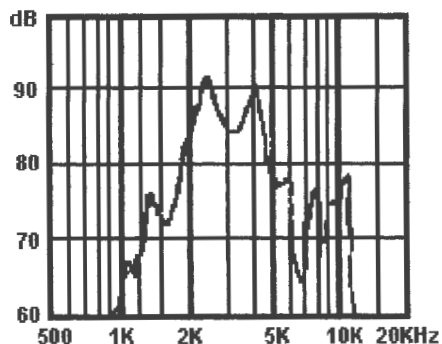


SURFACE MOUNT ELECTRO ACOUSTIC TRANSDUCER BST1310SM SERIES

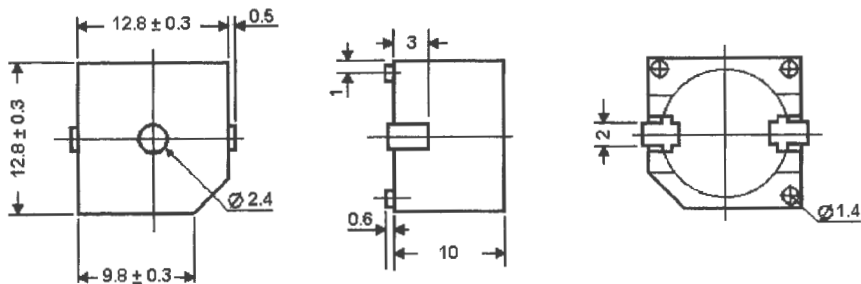
Features:

- SMD mounting
- Compatible with convection, IR and vapor phase
- Sealed for washing
- Packaged in auto insertion tubes

TYPICAL SPL VS. FREQUENCY: BST1310SM-05



(APPLIED VOLTAGE: 5 V, 1/2 DUTY, SQUARE WAVE @ 10CM)



SPECIFICATIONS:

| Type | BST1310SM-01 | BST1310SM-05 | BST1310SM-12 |
|---------------------------|--------------|--------------|--------------|
| Rated Voltage (Vdc) | 1.5 | 5 | 12 |
| Operating Voltage (Vdc) | 1 ~ 3 | 4 ~ 7 | 8 ~ 16 |
| *Rated Current (mA) | Max. 30 | Max. 40 | Max. 40 |
| Coil Resistance (ohm) | 15 | 47 | 140 |
| **Coil Impedance (ohm) | 40 | 80 | 240 |
| *Sound Output 10cm (dB) | Min. 85 | Min. 90 | |
| Resonant Frequency (Hz) | 2400 | | |
| Operating Temperature (C) | - 40 ~ + 85 | | |
| Storage Temperature (C) | - 40 ~ + 85 | | |
| Weight (g) | 2 | | |

*Value applying rated voltage (2400Hz, 1/2 duty, square wave)

**Value applying (2400Hz, sine wave, measuring current 60uA)

**HOUSING MATERIAL - NYLON 66

INTERVOX
International ©

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

Title: **Surface Mount
Electro Acoustic Transducer**

| | | |
|-------------------------|---|------|
| Tolerance: +/- 0.5mm | Intervox Model # BST1310SM SERIES | Rev. |
|-------------------------|---|------|

| | | |
|----------|---------------|--------------|
| Unit: mm | Date: 2/12/99 | Sheet 1 of 1 |
|----------|---------------|--------------|