

**Sales Outline Drawing**Revision **A****Specifications:**

|                                  |                                     |
|----------------------------------|-------------------------------------|
| Oscillation Frequency (Hz)       | 2300 ± 400                          |
| Operating Voltage (Vdc)          | 9.0 ~ 15                            |
| Rated Voltage (Vdc)              | 12                                  |
| Current Consumption Max. (mA)    | 50 at Rated Voltage                 |
| Sound Pressure Level (dB/min)    | 85 at 10cm at Rated Voltage         |
| Tone/Pulse Rate                  | Constant                            |
| Operating Temperature (°C)       | -20 ~ +70                           |
| Storage Temperature (°C)         | -30 ~ +80                           |
| Lead Pin                         | Tin Plated Brass                    |
| Housing                          | PPO plastic resin<br>(Color: Black) |
| Weight (Grams)                   | 1.8                                 |
| Condition by wave soldering (°C) | 245 ± 5 / 3 ± 0.5 sec               |
| Condition by hand soldering (°C) | 350 ± 20 / within 5 sec             |
| Options                          | For other options contact factory   |

PS: Vp-p = 1/2duty, square wave

**RoHS Compliant****Dimensions:** (units: mm)