### Operating Characteristics

**ELECTRICAL**
- Rated Voltage: 3 Vo-p
- Operating Voltage: 2 to 5 Vo-p
- Coil Resistance: 12 ± 2 Ω
- Max Current at V Rated: 100 mA

**ACOUSTIC**
- Min SPL at V Rated: 75 dB
- Test Conditions: 10 cm
- \( f_0 \): 4000

### Physical Characteristics

**MATERIAL**
- Housing: LCP
- Diaphragm: Ni Alloy
- Solder Pad: Copper and Tin

**TEMPERATURE RANGES**
- Operating: -40 to +105 °C
- Storage: -40 to +120 °C

**Weight**: 0.11 g

**DIMENSIONS (UNIT: mm)**

Tolerance: ±0.5 mm Unless Otherwise Specified

### Revision History

<table>
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<tr>
<th>Revision</th>
<th>Description</th>
<th>By</th>
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<tr>
<td>0-2019</td>
<td>Initial Specification Sheet</td>
<td>JL</td>
<td>2019-02-18</td>
</tr>
<tr>
<td>1-2019</td>
<td>Migrate to new format</td>
<td>JL</td>
<td>2019-06-24</td>
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Warranty: For a period of one (1) year from date of shipping under normal operations conditions. This warranty does not apply to products damaged through misuse, abuse, improper installation, alteration, rework, or attempt to repair.

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