### Operating Characteristics

#### ELECTRICAL
- **Rated Voltage**: 3.6 V<sub>o-p</sub>
- **Operating Voltage**: 2.5 to 4.5 V<sub>o-p</sub>
- **Coil Resistance**: 16 ± 3 Ω
- **Max Current at V Rated**: 90 mA

#### ACOUSTIC
- **Min SPL at V Rated**: 88 dB
- **Test Conditions**: 10 cm
- **f<sub>o</sub>**: 2730 ± 500 Hz

### Physical Characteristics

#### MATERIAL
- **Housing**: LCP
- **Diaphragm**: Iron
- **Solder Pad**: Brass

#### TEMPERATURE RANGES
- **Operating**: -40 to +85 °C
- **Storage**: -40 to +85 °C

### Weight
- 0.6 g

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**Recommended Land Pattern**

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**Revision History**

<table>
<thead>
<tr>
<th>Revision</th>
<th>Description</th>
<th>By</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-2020</td>
<td>Updated max current from 100 mA to 90 mA, weight from 0.5 g to 0.6 g, minimum SPL at V&lt;sub&gt;rated&lt;/sub&gt; from 85 dB to 88 dB ± 2 dBA, and operating temperature range from -30°C to 70°C -40°C to 85°C.</td>
<td>JL</td>
<td>2020-04-30</td>
</tr>
<tr>
<td>3-2020</td>
<td>Updated minimum SPL at V&lt;sub&gt;rated&lt;/sub&gt; from 88 ± 2 dB to 88 dB.</td>
<td>JL</td>
<td>2020-05-08</td>
</tr>
</tbody>
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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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