

A compact one-inch, bottle-cap-sized driver for voice communication and small radio applications. This model's neodymium magnet and black anodized aluminum cone create a clear, high-power sound without extra ringing. For tight-fitting applications, this speaker has a set of mounting holes to simplify and secure installation into cabinets, enclosures, and sound systems alike.

- Wide range speaker
- 1.2 inch (31 mm) basket diameter
- 3 watts, 8 ohm, 76 dB SPL
- 0.7 inch copper voice coil, paper former
- Neodymium magnet, stamped steel basket
- Anodized aluminum cone, NBR rubber surround



#### Primary Specifications

<b>Size, Nominal (inch &amp; mm)</b>	1" (25 mm)
<b>Rated Impedance (<math>\Omega</math>)</b>	8
<b>Continuous Power (W)</b>	3
<b>Sensitivity (dB SPL) <sup>1</sup></b>	76
<b>Frequency Range (Hz)</b>	180 - 20,000
<b>Resonant Frequency (Fs) (Hz) +/- 15%</b>	180

### More Specifications

<b>Application</b>	Indoor, Voice Communications
<b>RoHS Compliant</b>	Yes
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	7.54
<b>Program Power (W)</b>	6
<b>Continuous Power (W)</b>	3

### Small Signal Parameters

<b>Nominal Impedance (Z) (<math>\Omega</math>)</b>	8
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	7.54
<b>Voice Coil Inductance (Le) (mH)</b>	0.14
<b>Resonant Frequency (Fs) (Hz) +/- 15%</b>	180
<b>Mechanical Q Factor (Qms)</b>	1.07
<b>Electrical Q Factor (Qes)</b>	0.95
<b>Total Q Factor (Qts)</b>	0.50
<b>Moving Mass (Mms) (gm)</b>	0.6
<b>Suspension Compliance (Cms) (mm/N)</b>	1.0
<b>Mechanical Resistance (Rms) (kg/s)</b>	0.72
<b>Surface Area of Diaphragm (Sd) (cm<sup>2</sup>)</b>	4.91
<b>Compliance Equivalent Volume (Vas) (L)</b>	0.03
<b>Motor Force Factor (BL) (T•M)</b>	2.48
<b>Efficiency (<math>\eta_0</math>) (%)</b>	0.03
<b>Efficiency Bandwidth Product (EBP) (Fs/Qes)</b>	189.9

### Material Descriptions

<b>Basket Type</b>	Stamped Steel with Zinc Plating
<b>Terminal Size (mm)</b>	3.6 x 0.5
<b>Voice Coil Diameter (mm)</b>	17.8
<b>Voice Coil Wire Material</b>	Copper
<b>Voice Coil Former Material</b>	Paper
<b>Magnet Material</b>	Neodymium
<b>Magnet Weight (g)</b>	8.22
<b>Cone Body Material</b>	Black anodized aluminum
<b>Cone Surround Material</b>	NBR rubber
<b>Dust Cap Material</b>	Aluminum
<b>Net Weight (kg)</b>	0.03

