

4Ω Miniature Speaker with Leads

multicomp PRO

**RoHS
Compliant**



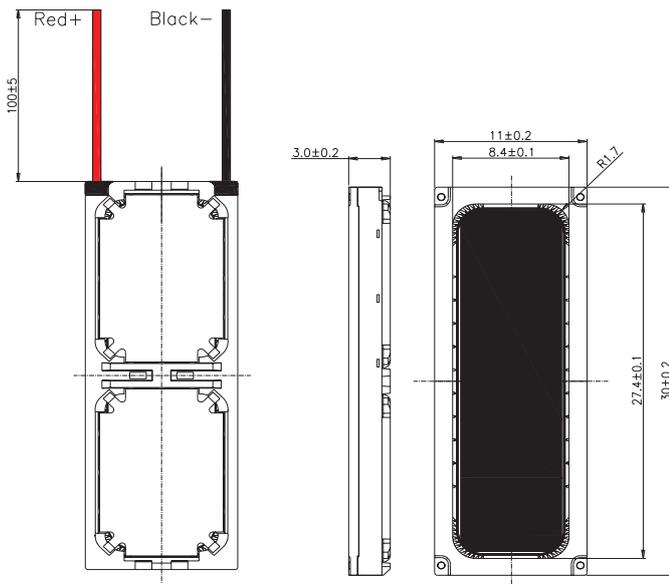
Specifications

Rated Impedance	: 4Ω ±15% (2.0k Hz/2.45 Vrms/in 1cc box)
Rated Noise Power (in 2cc box)	: 1.5W
Max. Short Term Power (in 2cc box)	: 2W
Resonant frequency (f0)	: 500±20% Hz (1V) in free air 850±20% Hz (1V) in 2cc box
Rated Frequency Range	: 500Hz ~10k Hz
Sound Pressure Level	: 95dB ±3dB (2.45V/0.1M at 2K Hz in 2cc box)
Total Harmonic Distortion	: 10% Max. (at rated power/1kHz/10cm/2cc test fixture on baffle))
Operating Temperature	: -20°C to +70°C
Storage Temperature	: -40°C to +85°C
Weight	: 3.1g

Material

Frame and Front Cover	: PPA
Diaphragm	: PEEK
Voice coil x 2	: Copper Wire
Solder Joints x 2	: SUS (stainless steel)
Plate & Yoke x 2	: SPCC
Magnet x 2	: NdFeB

Diagram



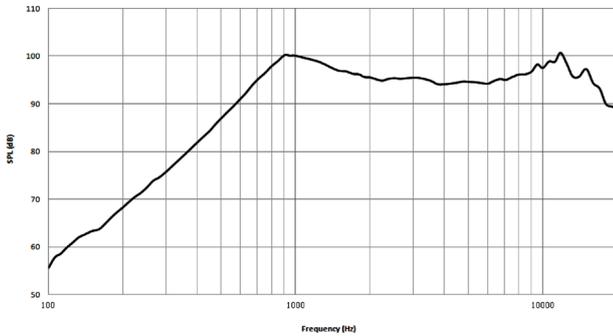
Dimensions : Millimetres
Tolerance: ±0.2mm

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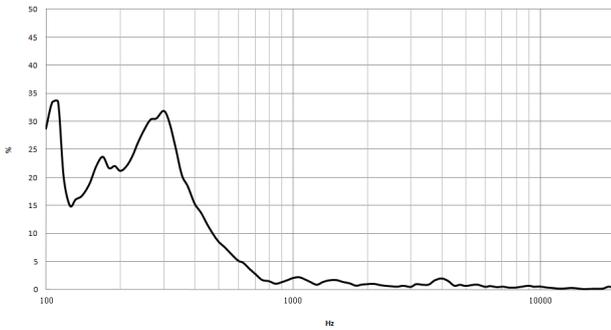
Frequency Response Curve

2.45Vrms/10cm/in 2cc box



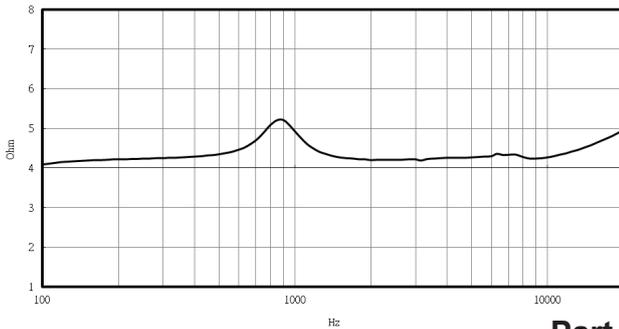
Speaker Distortion Curve

2.45Vrms/10cm/in 2cc box



Impedance Response Curve

2.45V



Part Number Table

Description	Part Number
Miniature Speaker with Leads, 4Ω, 1.5W, 100mm Leads	MP006241

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