



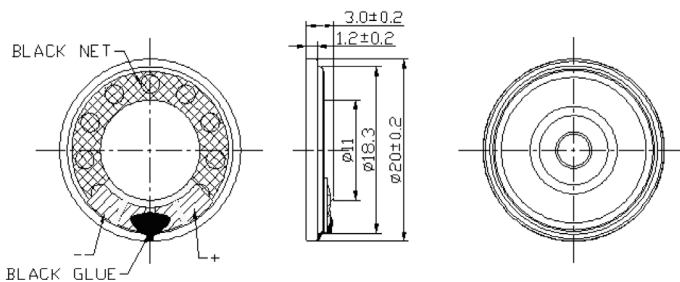
Features

- Low profile, 20mm miniature speaker
- Suitable for consumer electronics, PDAs and audio equipment
- Frequency range f0Hz ~ 10kHz

Specifications

Rated Impedance	: $8 \pm 15\% \Omega / 2\text{kHz} / 1\text{V}$
Rated Power	: 0.5W
Max. Power	: 0.8W
Resonant Frequency	: $500 \pm 20\% \text{Hz} / 1\text{V}$
Sound pressure level at (AVG 0.8, 1.0, 1.2, 1.5)kHz 0.1W/0.1m baffle board (IEC)	: $86 \pm 3\text{dB}$
Frequency Range	: f0Hz ~ 10kHz
Total Harmonic Distortion	: 5% Max at 1kHz/0.5W
Flux Density	: 0.6T
Operating Temperature	: $-20^\circ\text{C} \sim +60^\circ\text{C}$
Storage Temperature	: $-20^\circ\text{C} \sim +60^\circ\text{C}$
Weight	: 2.4g
Voice Coil Diameter	: 8.7mm
Magnet size (NdFeB)	: $7.5 \times 1.0\text{mm}$

Diagram



Dimensions: Millimetres

Tolerance: $\pm 0.3\text{mm}$

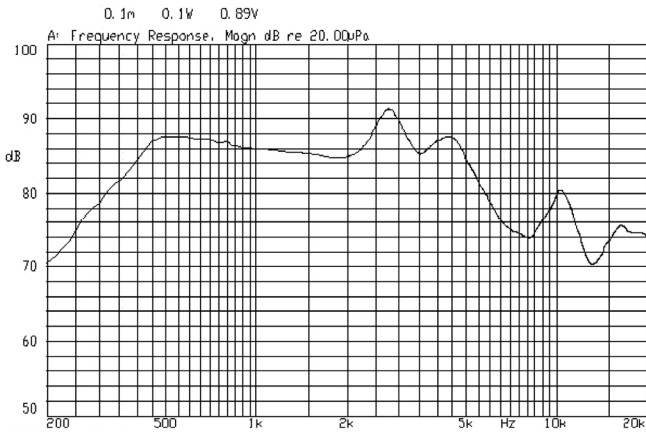
Part Name	Material	Qty.
Frame	SPCC	1
Diaphragm	Black PET	1
Voice coil	Self bonding wire	1
Plate	SPCC	1
Magnet	NdFeB	1
PCB	Epoxy	1

Newark.com/multicomp-pro

Farnell.com/multicomp-pro

sg.element14.com/b/multicomp-pro

Frequency Response Curve



Part Number Table

Description	Part Number
Speaker, Micro, Dynamic, 8Ω, 0.8W	ABS-245-RC

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