

Miniature Speaker

multicompPRO

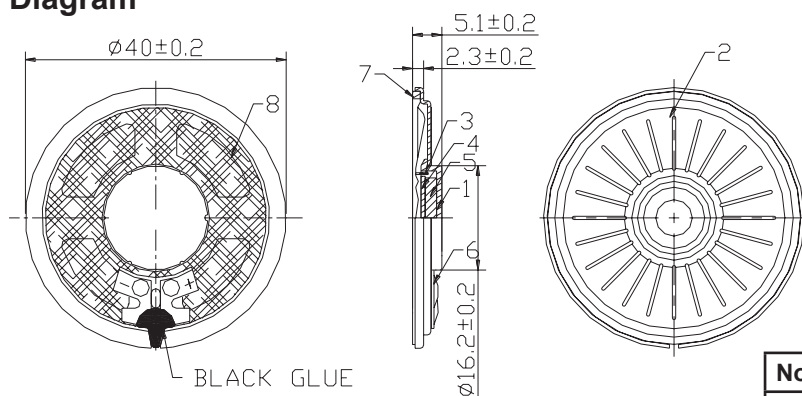
**RoHS
Compliant**



Specifications

Rated Input Power	: 0.5W
Max. Input Power	: 0.8W
Rated Impedance	: $8\Omega \pm 15\%$ / 2kHz / 1V
Resonance Frequency (f0)	: 600Hz $\pm 20\%$ / 1V
Sound Pressure Level	: 92dB ± 3 dB at (AVG 0.8, 1.0, 1.2, 1.5) kHz 0.1W/0.1m baffleboard 102dB ± 3 dB at (AVG 0.8, 1.0, 1.2, 1.5) kHz 1W/0.1m baffleboard
Frequency Range	: f0Hz ~ 6kHz
Total Harmonic Distortion	: 5% Max. at 1kHz, 1V
Flux Density	: T
Polarity	: When a positive DC Current is applied to the voice coil terminal marked + or red, the diaphragm shall move forward
Buzz, Rattle, etc.	: Should not be audible at 3.87V sine wave between (F0 Hz ~ 6kHz)
Voice Coil Diameter	: $\varnothing 13.28$ mm
Magnet (NdFeB)	: $\varnothing 12.5$ mm $\times$ 1.5mm
Dimension	: $\varnothing 40$ mm $\times$ 5.1mm
Operating Temperature	: -20°C to +60°C
Storage Temperature	: -30°C to +60°C
Weight	: 9.2g

Diagram



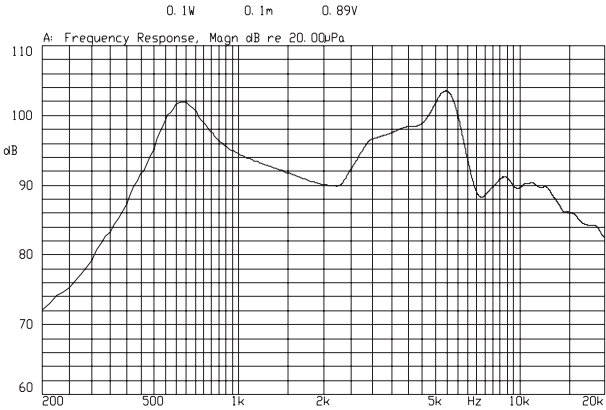
No.	Part Name	Material	Qty.
1.	Frame	SPCC	1
2.	Diaphragm	Black PET	
3.	Voice Coil	Self-bonding wire	
4.	Plate	SPCC	
5.	Magnet	NdFeB	
6.	PCB	FR4	
7.	Front Gasket	Black Paper Gasket	
8.	Damping Cloth	Black Net	

Dimensions: Millimetres
Tolerance : ± 0.3 mm

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Frequency Response Curve



Part Number Table

Description	Part Number
Miniature Speaker, 40mm Dia., 8Ω, 0.8W	ABS-220-RC

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