

Miniature Speaker

multicomp PRO

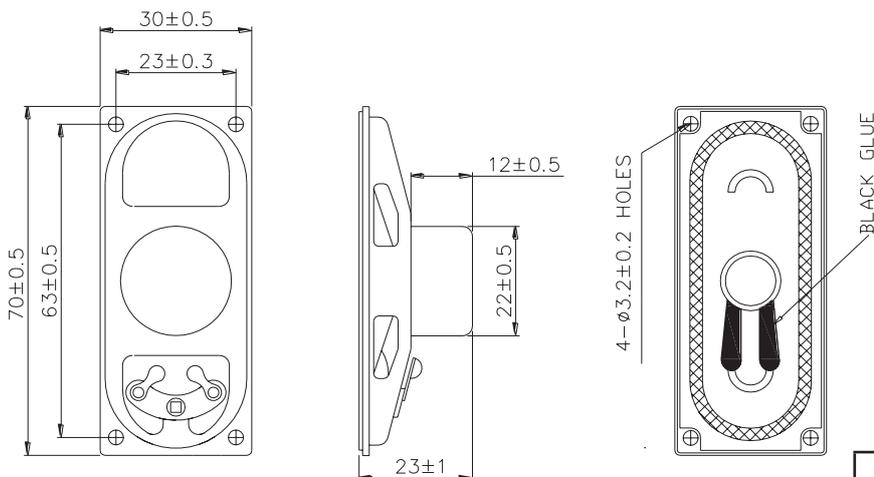
**RoHS
Compliant**



Specifications

Rated Input Power	: 2W
Max. Input Power	: 5W
Rated Impedance	: $8\Omega \pm 15\%$ / 1kHz / 1V
Resonance Frequency (f0)	: 300Hz $\pm 20\%$ / 1V
Sound Pressure Level	: 86dB ± 3 dB at (AVG 0.8, 1.0, 1.2, 1.5) kHz 0.1W/0.5m
Frequency Range	: 200Hz ~ 20kHz
Total Harmonic Distortion	: 10% Max. at 1kHz, 2W
Flux Density	: 1T
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 4.0V sine wave between (200Hz ~ 20kHz)
Voice Coil Diameter	: $\varnothing 13.28$ mm
Magnet (NdFeB)	: $\varnothing 12.5$ mm \times 2.5mm
Dimension	: 70mm \times 30mm \times 23mm
Weight	: 34g

Diagram



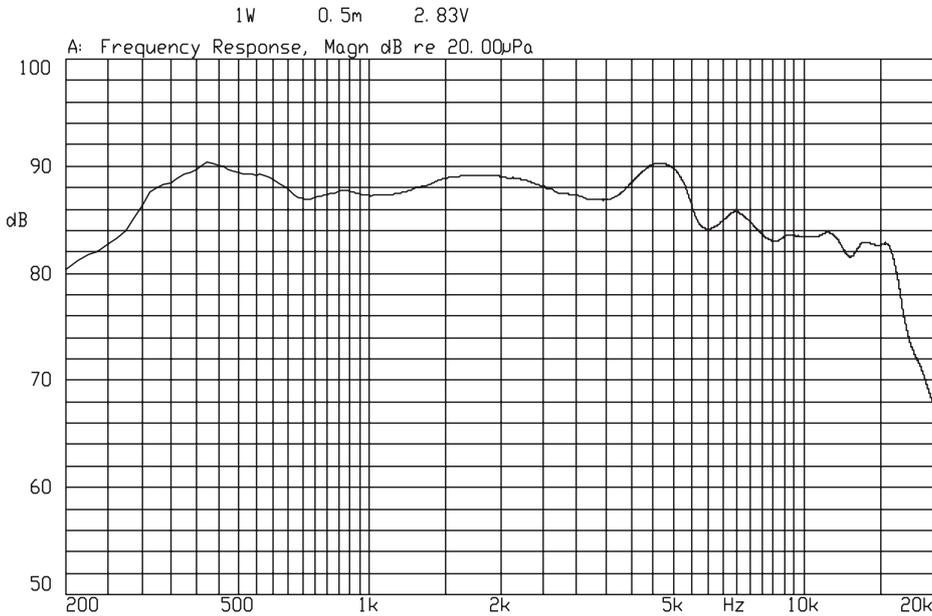
No.	Part Name	Material	Qty.
1.	PCB	Epoxy	1
2.	Voice coil	CU	
3.	Yoke	1.5T	
4.	Conel	Paper	
5.	Dust cap		
6.	Shrapne	Silk cloth	
7.	Magnet	Nd-Fe-B	
8. & 9.	Plate	SPCC	
10.	Frame		

Dimensions : Millimetres
Tolerance: ± 0.5 mm

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

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Frequency Response Curve



Part Number Table

Description	Part Number
Speaker, 2W, 8Ω, 70mm × 30mm	MCABS-235-RC

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