

Miniature Speaker

multicomp PRO

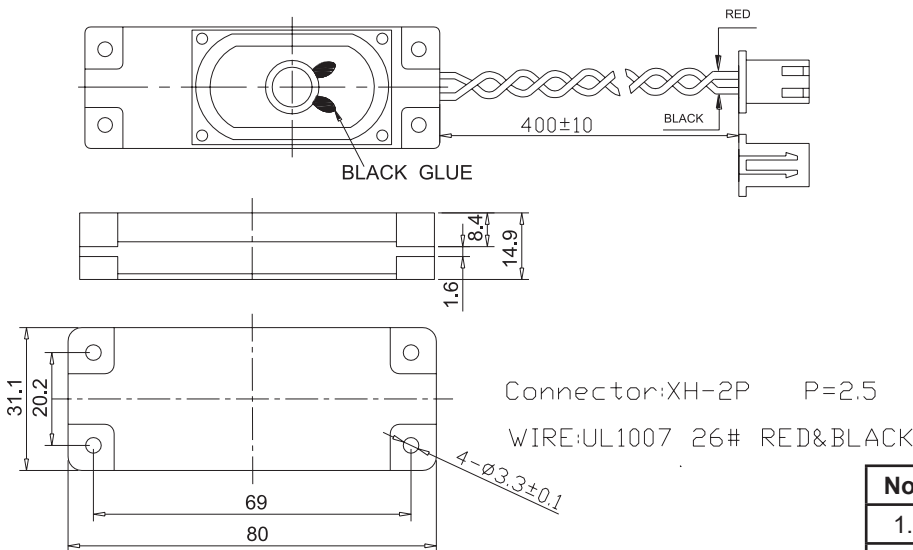
**RoHS
Compliant**

Specifications



Rated Input Power	: 2W
Max. Input Power	: 4W
Rated Impedance	: $8\Omega \pm 15\%$ / 1kHz / 1V
Resonance Frequency (f0)	: 550Hz $\pm 20\%$ / 1V
Sound Pressure Level	: 100dB ± 3 dB at (AVG 1.0, 1.2, 1.5, 2.0) kHz 0.1m/2.0W
Frequency Range	: F0 ~ 8kHz
Total Harmonic Distortion	: 5% Max. at 1kHz, 1V
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 (20Hz ~ 2.2kHz)
Voice Coil Diameter	: $\varnothing 13.28$ mm
Magnet (NdFeB)	: $\varnothing 12.5$ mm $\times 2.5$ mm
Dimension	: 80mm $\times 31.1$ mm $\times 14.9$ mm
Weight	: 55g ± 5 g

Diagram



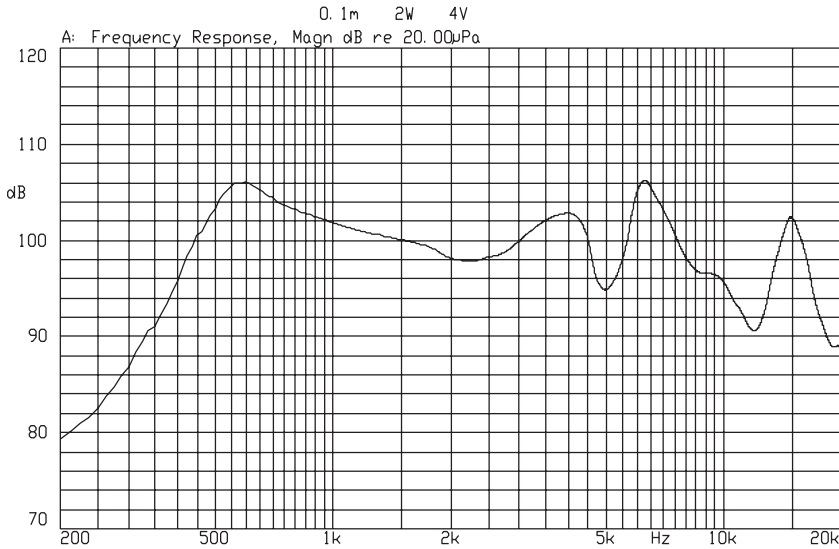
No.	Part Name	Material	Qty.
1.	Frame	ABS	1
2.	Cloth conel	Cloth	
3.	Yoke	1.5T	
4.	Dust cap	Paper	
5.	Voice coil	CU	
6.	Magnet	NdFeB	
7.	Plate	2.0t	
8.	PCB	Epoxy	
9.	Shrapne	Silk cloth	
10.	Wire	(UL1007 26#)	

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, 80mm × 30mm	MCABS-236-RC

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