Miniature Speaker

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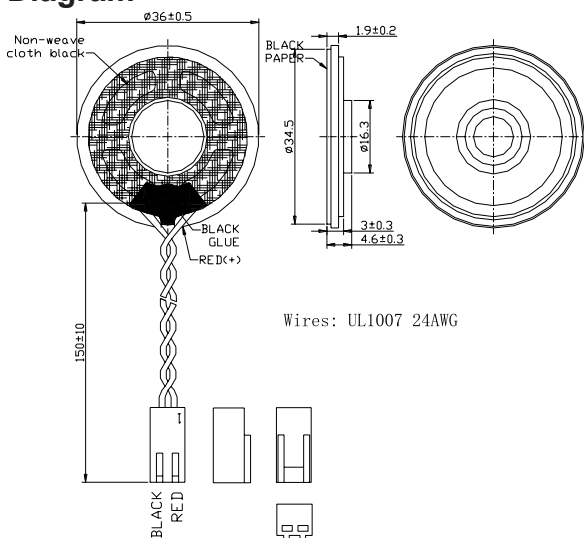
Specifications

Rated Input Power	: 1W
Rated Power (Maximum)	: 1.2W
Rated Impedance	: 8Ω ±15% / 2kHz / 1V
Resonant Frequency	: 550Hz ±20% / 1V
Rated Frequency Range	: fo to 11,000Hz
Sound output level at 1W/1m	: 85dB ±3 at (AVG 0.8,1.0,1.2,1.5) kHz 1W/1m
Frequency Range	: F0Hz ~ 11kHz
Total Harmonic Distortion	: 5% Max. at 1kHz, 1.0W
Flux Density	: 0.6T
Polarity	: When a positive DC Current is applied to the voice coil terminal marked +or red ,the diaphram shall move forward
Buzz, Rattle, etc.	: Should not be audible at 2.83V sine wave between (F0Hz ~ 11kHz)
Operating Temperature Range	: -20°C to +60°C
Storage Temperature Range	: -30°C to +60°C
Weight	: 9.4g
Magnet Material	: Nd-Fe-B
Voice Coil Diameter	: Ø13.28mm
Magnet Size	: Ø12.5mm × 1.5mm
Dimension	: Ø36mm×4.6mm

Diagram

Wires: UL1007 24AWG

Dimensions : Millimetres
Tolerance: ±0.3mm

No.	Part Name	Material	Qty.
1.	Frame	SPCC	
2.	Diaphragm	Black PET	
3.	Voice coil	Copper wire	
4.	Plate	SPCC	1
5.	Magnet	NdFeB	
6.	PCB	Epoxy	
7.	Front Gasket	Black Paper Gasket	

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Page <1>   14/08/23   V1.1

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Frequency Response Curve

A: Frequency Response, Magn dB re 20.00µPa
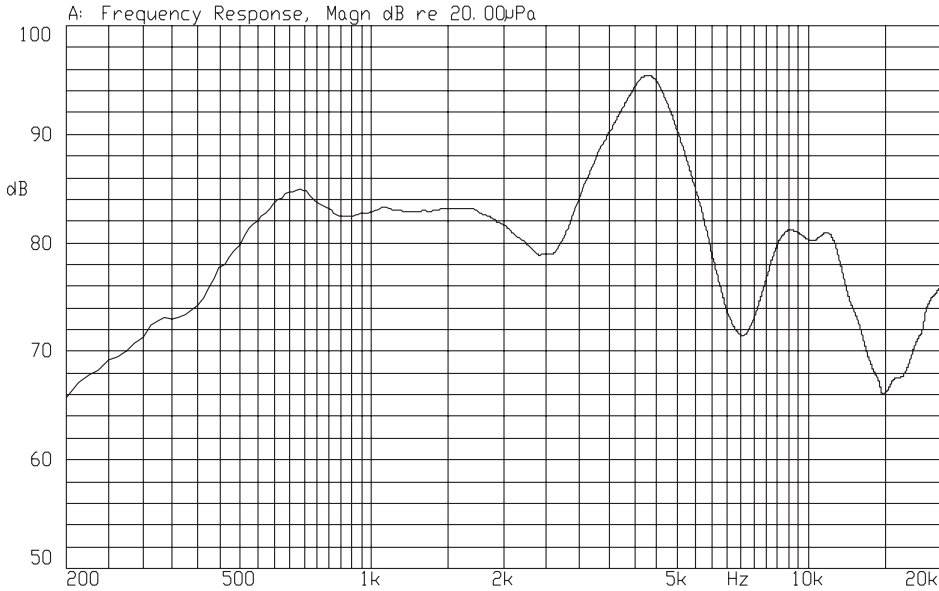
Part Number Table

Description	Part Number
Miniature Speaker, 8Ω, 1W, 150mm Leads and Connector	ABS-222-150-RC

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