

# Miniature Speaker

**multicomp** PRO

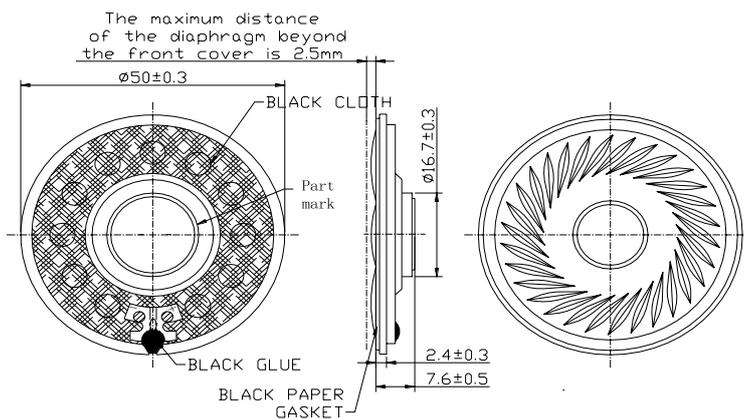
**RoHS  
Compliant**



## Specifications

Rated Input Power	: 1W
Max. Input Power	: 1.5W
Rated Impedance	: 0.8Ω
Resonant Frequency	: 8Ω±15% /2kHz/1V
Resonance Frequency (f0)	: 350Hz ±20% / 1V
Sound Pressure Level	: 92dB ±3 at (AVG 0.6,0.8,1.0,1.2) kHz 0.1W/0.1m baffleboard
Frequency Range	: f0Hz ~ 20kHz
Total Harmonic Distortion	: 5% Max at 1kHz/0.5W
Flux Density	: 0.6T
Polarity	: When a positive DC Current is applied to the voice coil terminal marked +or red ,the diaphragm shall move forward
Voice Coil Diameter	: Ø13.28mm
Magnet (NdFeB)	: Ø12.5mm×1.5mm
Dimension	: Ø50mm×7.6mm
Operating Temperature	: -20°C ~ +60°C
Storage Temperature	: -30°C ~ +60°C
Weight	: 13.2g

## Diagram



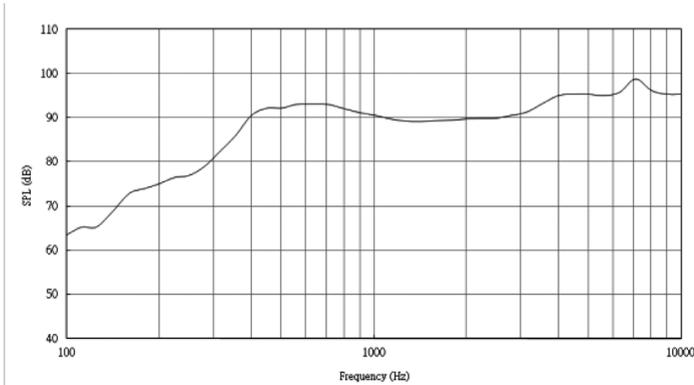
No.	Part Name	Material	Qty.
1.	Frame	SPCC	1
2.	Diaphragm	PET	
3.	Voice Coil	-	
4.	Plate	SPCC	
5.	Magnet	NdFeB	
6.	PCB	FR4	
7.	Front Gasket	Paper	

Dimensions: Millimetres  
Tolerance: ±0.3mm

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## Frequency Response Curve



## Part Number Table

Description	Part Number
Miniature Speaker, 50mm, 8Ω, 1W	ABS-210-RC

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