

RoHS
Compliant

Specifications

Rated impedance 1.0KHz/1.0V	: $8 \pm 20\% \Omega$
Rated input power	: 1W
Max. input power	: 1.5W
Resonant frequency F_0	: $1100 \pm 20\% \text{Hz/1V}$
Frequency range	: F0Hz to 20,000Hz
Sound pressure level at (AVG 0.8,1.0,1.2, 1.5)KHz 0.1W/0.1m	: $95 \pm 3\text{d}$
Flux density	: 1.0T
Total harmonic distortion	: 5%MAX. at 2KHz, 1W
Voice coil diameter	: dia. 8.75mm
Magnet (NdFeB)	: dia.8.0mm x 1.0tmm
Operating temperature	: -30°C to $+70^\circ\text{C}$
Storage temperature	: -40°C to $+80^\circ\text{C}$
Weight	: 2.5g

Material

Frame - ABS

Diaphragm - Cloth

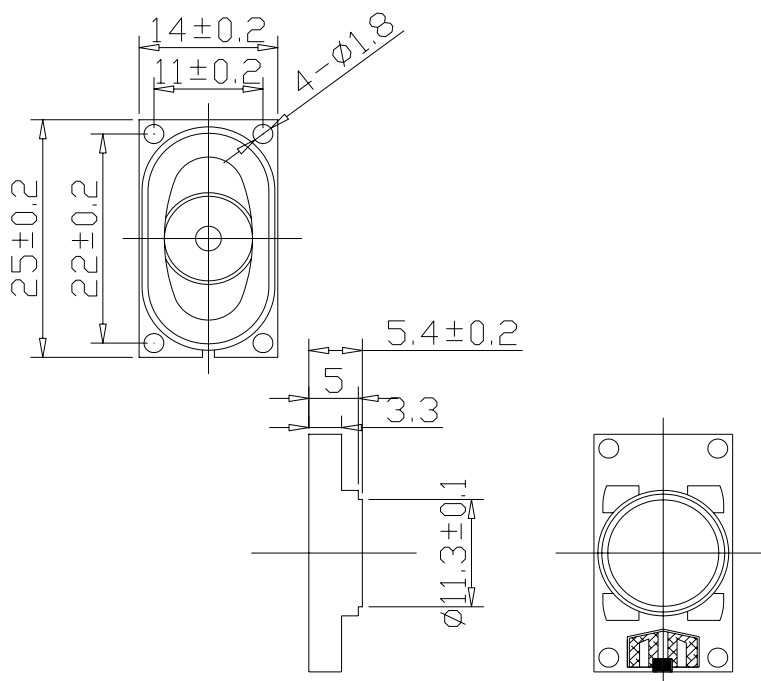
Voice coil - Paper & Cu

Plate & Yoke - SPCC

Magnet - NdFeB

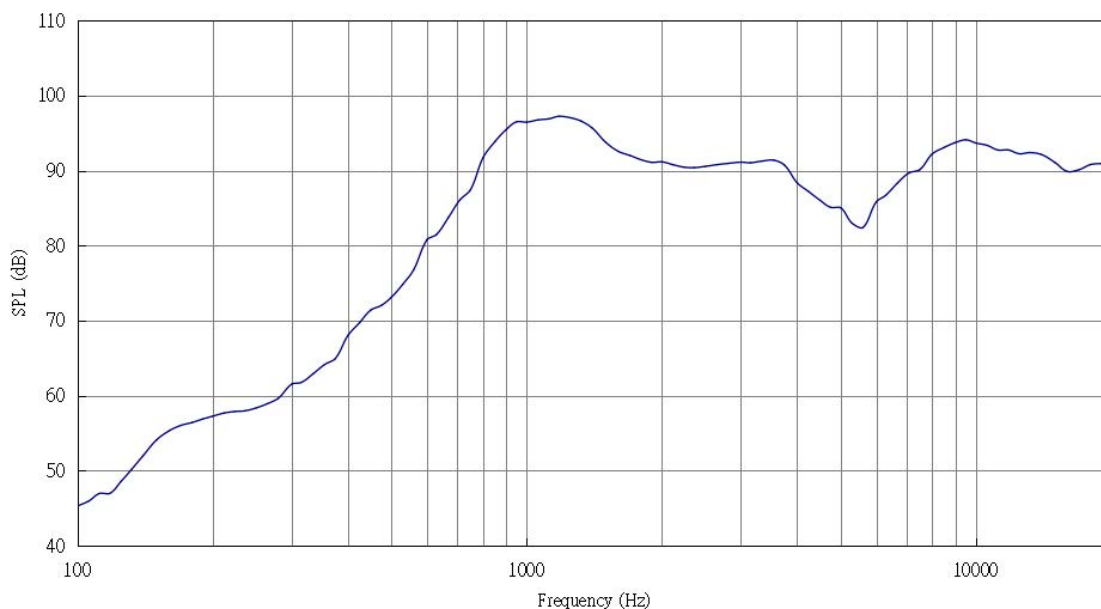
PCB - FR4

Diagram



Dimensions : Millimetres

Frequency Response Curve



Part Number Table

Description	Part Number
Miniature Speaker, 8Ω, 1W	MCABS-265-RC

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