

**RoHS
Compliant**

Specifications

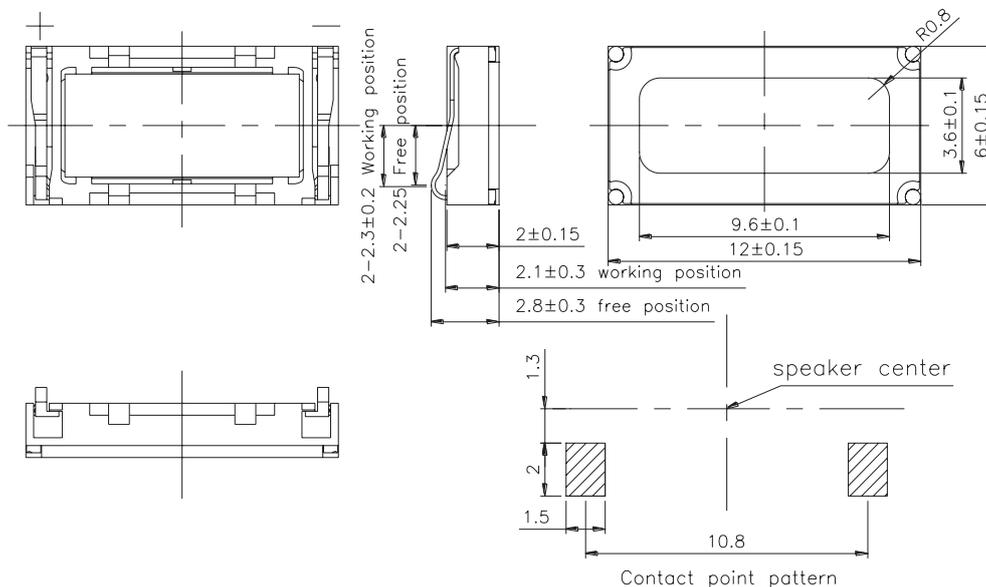


Rated impedance 2.0k Hz/1.4 Vrms/in 0.5cc box	: $8 \pm 15\% \Omega$
Rated noise power in 0.5cc box	: 0.25W
Maximum short term power in 0.5cc box	: 0.5W
Resonant frequency testing in 0.5cc box	: $1100 \pm 20\% \text{Hz}$
Frequency range	: F0Hz to 10,000Hz
Sound pressure level 1.4V/0.1m at 2kHz, in 0.5cc box	: $81 \pm 3 \text{dB}$
Total harmonic distortion @ rated power / 1kHz/ 10cm / 0.5cc test fixture on baffle	: 15%Max-
Operating temperature	: 20°C to $+70^\circ\text{C}$
Storage temperature	: -40°C to $+85^\circ\text{C}$
Weight	: 0.4g

Material

Frame - LCP	Plate - SPCC
Yoke - SPCC	Magnet - NdFeB
Diaphragm - PEEK	Front Cover - PPA
Voice coil - Copper Wire	Pin x 2 - SUS

Diagram

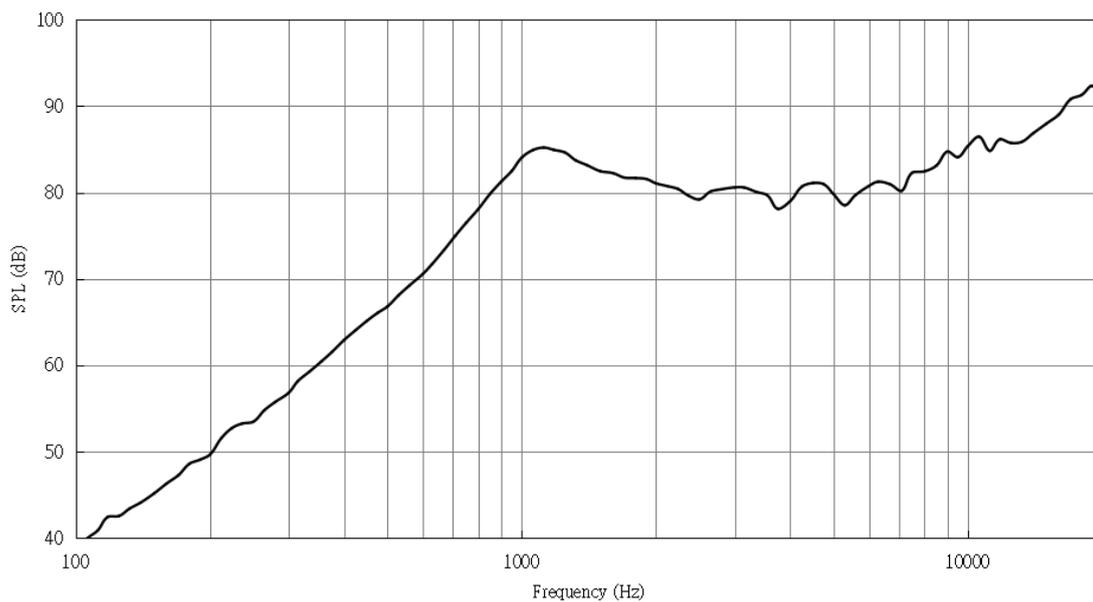


Dimensions: $\pm 0.2 \text{mm}$

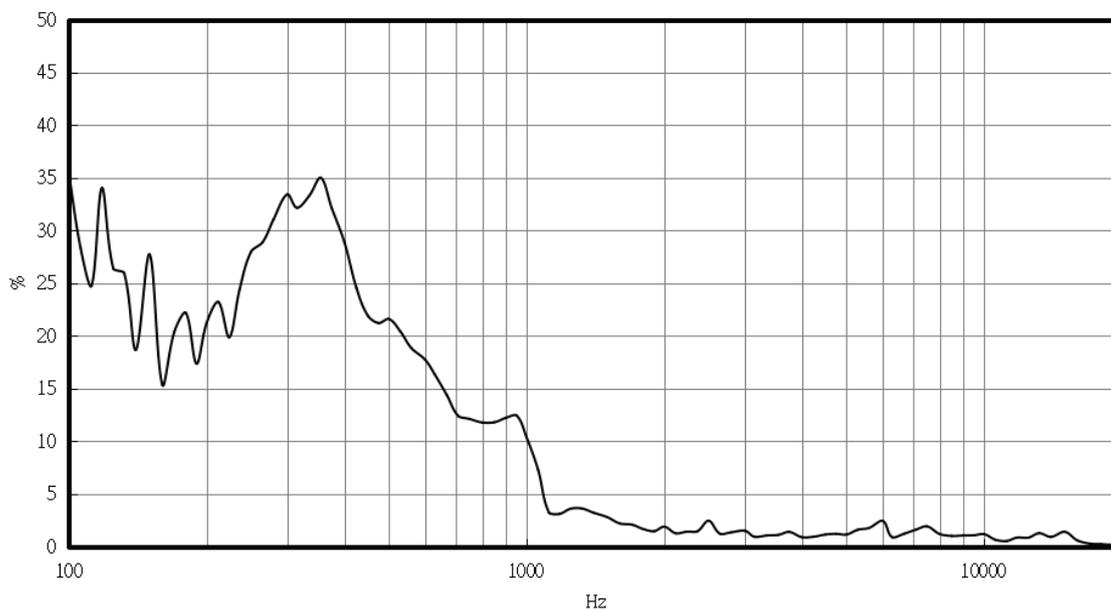
Dimensions : Millimetres

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

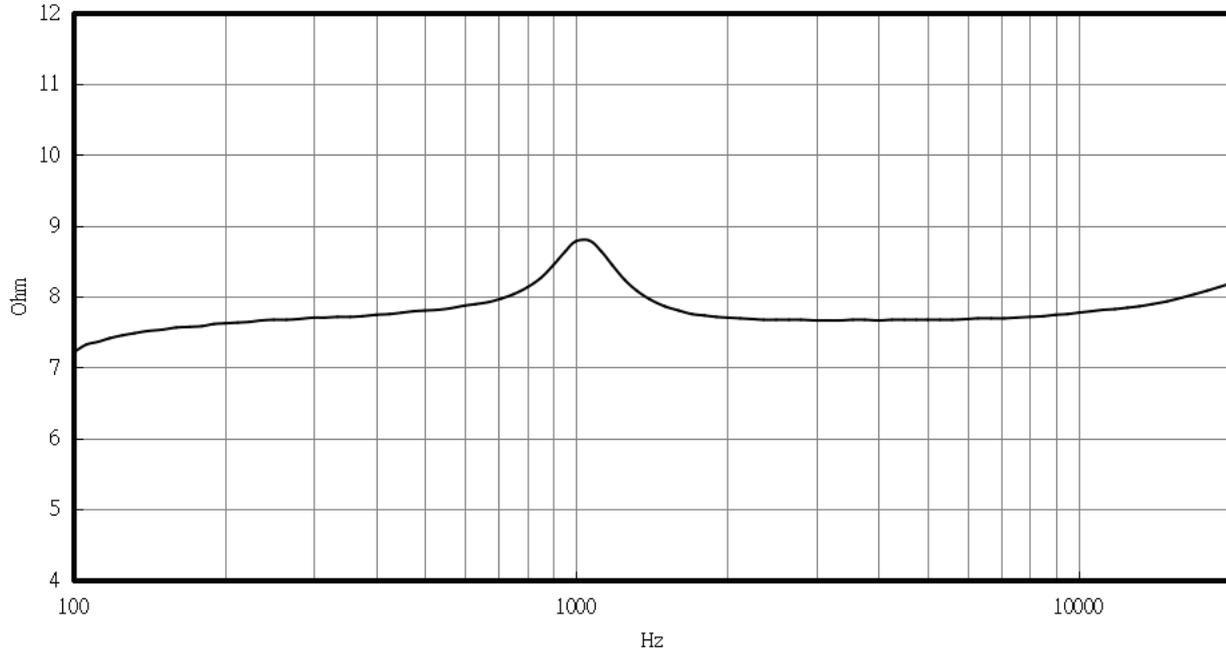
1.4Vrms/10cm/in 0.5cc box



1.4Vrms/10cm/in 0.5cc box



1.4Vrms/10cm/in 0.5cc box



Part Number Table

Description	Part Number
Miniature Speaker, 8Ω, 0.25W	MCABS-258-RC

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.