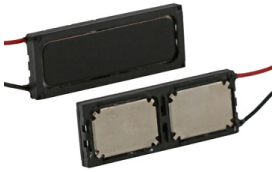


4Ω Miniature Speaker with Leads

multicompPRO

**RoHS
Compliant**



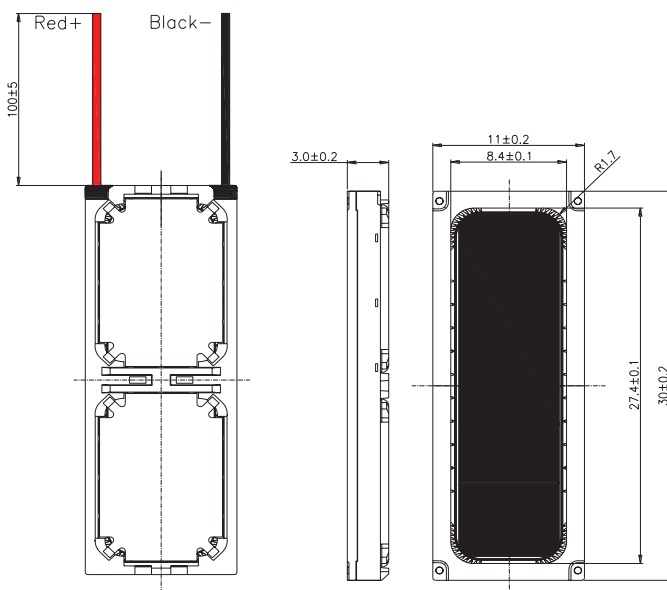
Specifications

Rated Impedance	: 4Ω ±15% (2.0k Hz/2.45 Vrms/in 1cc box)
Rated Noise Power (in 2cc box)	: 1.5W
Max. Short Term Power (in 2cc box)	: 2W
Resonant frequency (f0)	: 500±20% Hz (1V) in free air 850±20% Hz (1V) in 2cc box
Rated Frequency Range	: 500Hz ~10k Hz
Sound Pressure Level	: 95dB ±3dB (2.45V/0.1M at 2K Hz in 2cc box)
Total Harmonic Distortion	: 10% Max. (at rated power/1kHz/10cm/2cc test fixture on baffle))
Operating Temperature	: -20°C to +70°C
Storage Temperature	: -40°C to +85°C
Weight	: 3.1g

Material

Frame and Front Cover	: PPA
Diaphragm	: PEEK
Voice coil x 2	: Copper Wire
Solder Joints x 2	: SUS (stainless steel)
Plate & Yoke x 2	: SPCC
Magnet x 2	: NdFeB

Diagram



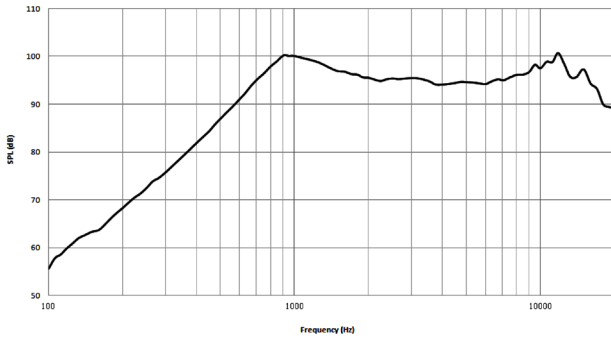
Dimensions : Millimetres
Tolerance: ±0.2mm

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
Element14.com/multicomp-pro

multicompPRO

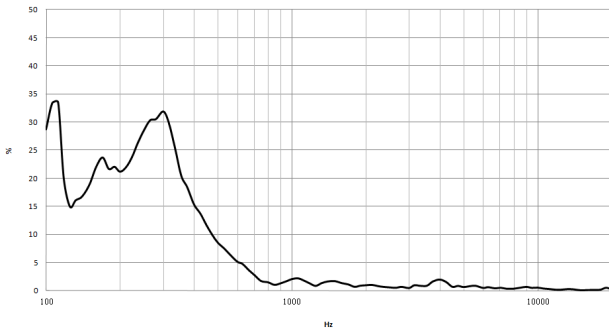
Frequency Response Curve

2.45Vrms/10cm/in 2cc box



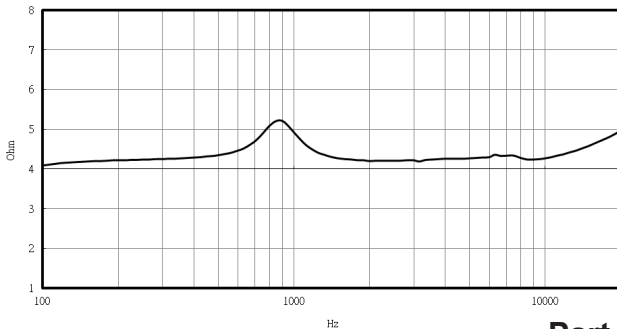
Speaker Distortion Curve

2.45Vrms/10cm/in 2cc box



Impedance Response Curve

2.45V



Part Number Table

Description	Part Number
Miniature Speaker with Leads, 4Ω, 1.5W, 100mm Leads	MP006241

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.