

Dynamic Micro Speaker

multicomp PRO

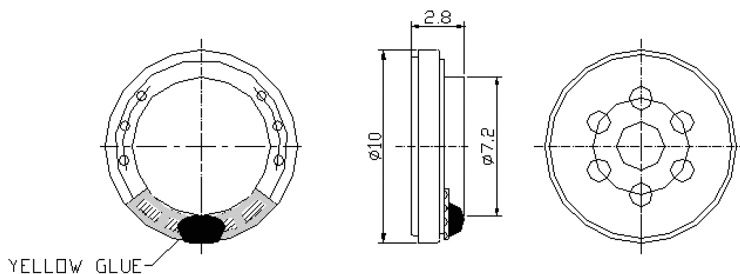
Features

- 10mm round frame micro dynamic speaker
- Low profile – depth 2.8mm
- Stainless steel frame and mylar cone
- This compact speaker is suitable for applications where space is a premium, particularly mobile devices

Specifications

Rated Impedance	: $8 \pm 15\% \Omega / 2\text{kHz} / 1\text{V}$
Rated Power	: 0.15W
Max. Power	: 0.3W
Resonant Frequency	: $1200 \pm 20\% \text{Hz} / 1\text{V}$
Sound pressure level at (AVG)1kHz 0.1W/0.1m baffle board (IEC)	: $82 \pm 3\text{dB}$
Frequency Range	: f0Hz ~ 6kHz
Total Harmonic Distortion	: 5% Max at 1kHz/0.15W
Flux Density	: 0.6T
Operating Temperature	: $-20^\circ\text{C} \sim +60^\circ\text{C}$
Storage Temperature	: $-20^\circ\text{C} \sim +60^\circ\text{C}$
Weight	: 0.8g
Voice Coil Diameter	: 5.9mm
Magnet size (NdFeB)	: $5.5 \times 0.8\text{mm}$

Diagram



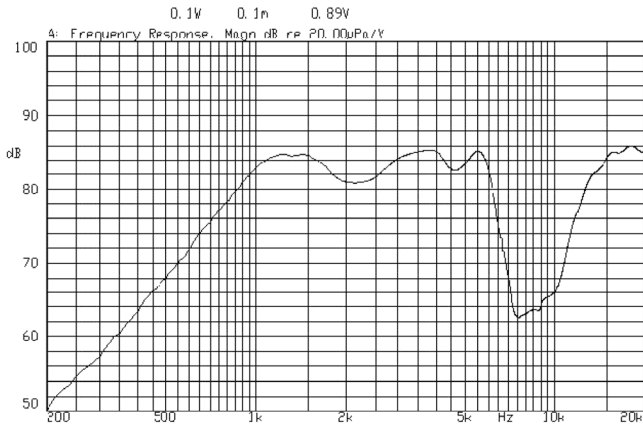
Dimensions: Millimetres
Tolerance: $\pm 0.3\text{mm}$

Part Name	Material	Qty.
Frame	SPCC	1
Diaphragm	PET	1
Voice coil	Self bonding wire	1
Plate	SPCC	1
Magnet	NdFeB	1
PCB	FR4	1
Front cover	SUS	2

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

multicomp PRO

Frequency Response Curve



Part Number Table

Description	Part Number
Speaker, Micro, Dynamic, 8Ω, 0.3W	ABS-244-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.