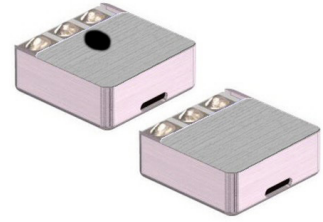


## Description

The pair consists of 2 microphones of the type 6093/H, both with individual specifications as in datasheet 6093/H and matched so that the deviation in sensitivity between both microphones at the frequencies indicated below does not exceed the tabulated values.



## Matching

The lagging microphone is marked with a black dot on the cover (at solder bumps side of the shield) and has a phase difference at 200 Hz (Delta Phase = Phase lagging - Phase leading) of  $+0.2^\circ$  to  $-1.5^\circ$  with respect to the unmarked microphone.

Drift issues arising during use or further processing will not be the responsibility of the supplier.

## Measuring conditions

Matching at 0.9 Volt supply, loaded with 1 MOhm//<200pF impedance.

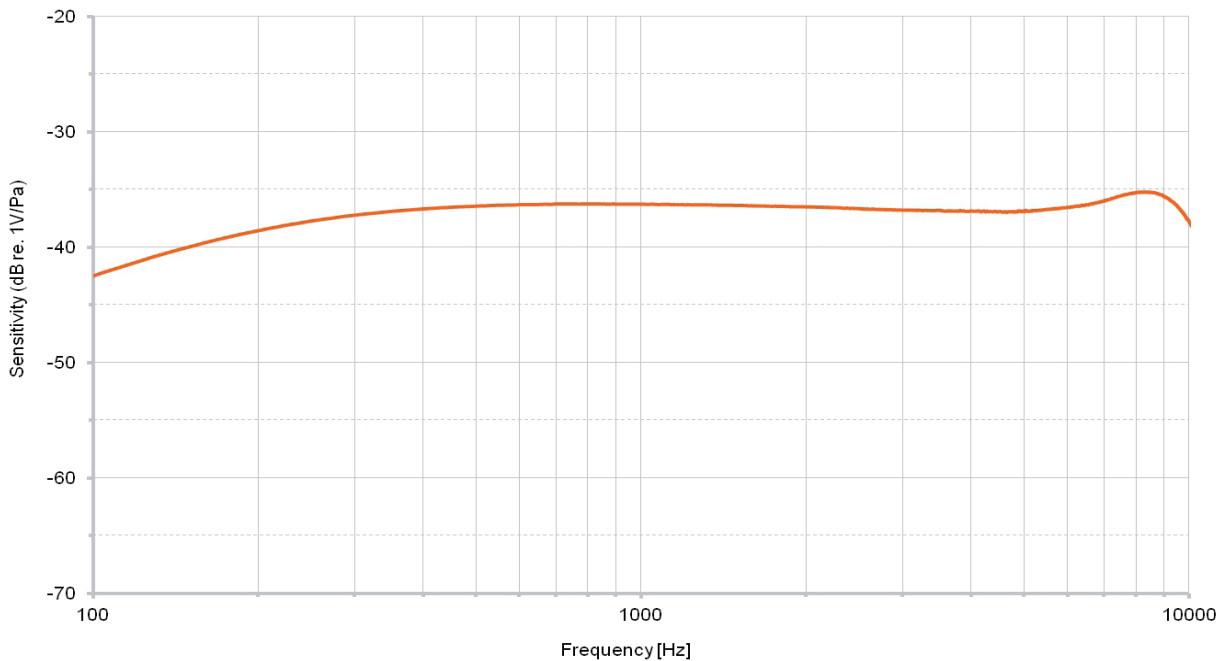
Environment conditions:

- Temperature  $23^\circ\text{C}$  (73.4F)  $\pm 5^\circ\text{C}$  (64.4F-82.4F)
- Relative humidity  $50\% \pm 10\%$

## Matching criteria

Frequency (Hz)	Sensitivity max .dev. (dB)	Phase max. dev. ( $^\circ$ )
200	-	1.5
1000	2	-
7000	1	5

## Typical response curve



Sonion reserves the right to make changes at any time to improve reliability, function or design, in order to provide the best product possible.