

### General Description

15mm x 11mm Speaker

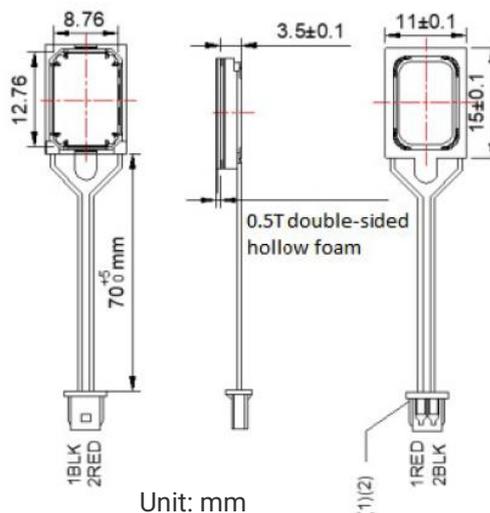


### ELECTRICAL SPECIFICATIONS

Parameters		Value	Unit
Resonant Frequency	@, 0.1m, in free air	650±20%	Hz
	@, 0.1m, in 1cc box	950±20%	Hz
Buzzes & Rattles	Should not be audible sine wave between 200Hz ~ 2kHz in 1cc box and a baffle.	2.0	v
Rated Power	In free air	0.5	W
	In 1cc box	0.7	W
Input Power, max	In free air	0.7	W
	In 1cc box	1.0	W
Dimension		15 x 11	mm
Height		3.5	mm
Sound Output	@ 0.1m, 2.0kHz 0.5W(in free air)	90±3	dB
	@ 0.1m, 2.0kHz 0.7W (in 1cc box)	92±3	dB
Impedance	@ 2V, 2.0 kHz	8 ±15%	Ω
Operating Temperature Range		-30 ~ +70	°C
Storage Temperature Range		-40 ~ +85	°C
Weight		1.6	g

### Dimensions

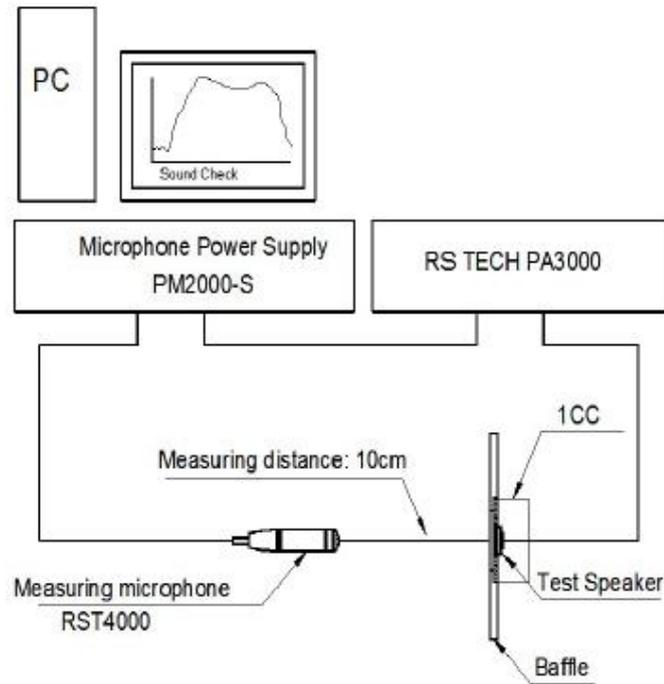
WIRES: 70mm  
UL1571 30 AWG  
CONNECTOR: A1251-2P



Tolerance: ±0.5mm Except Specifie

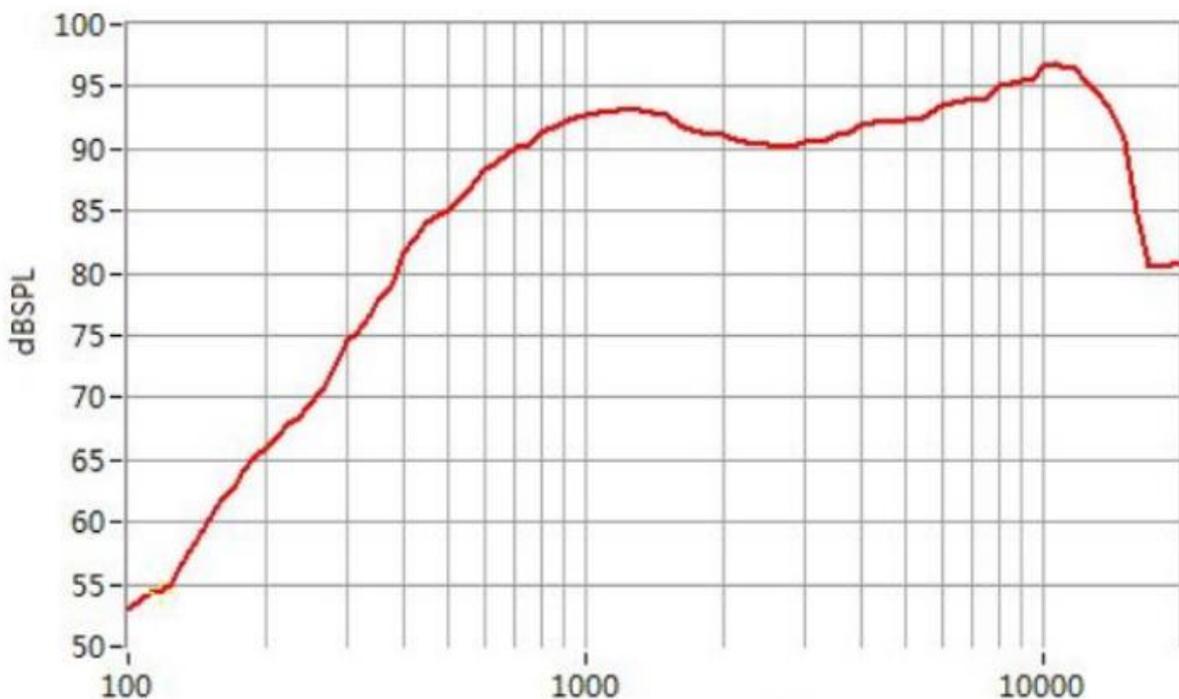
Unit: mm

### Test Method

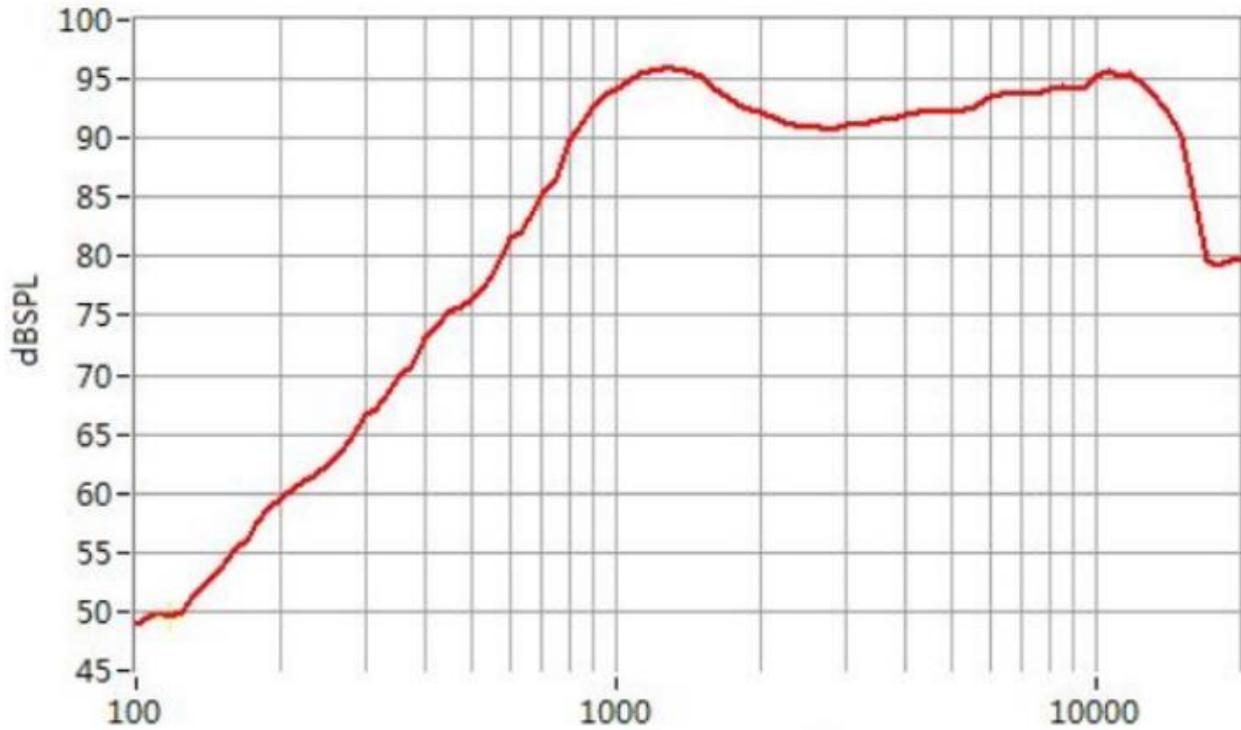


### Frequency Characteristics

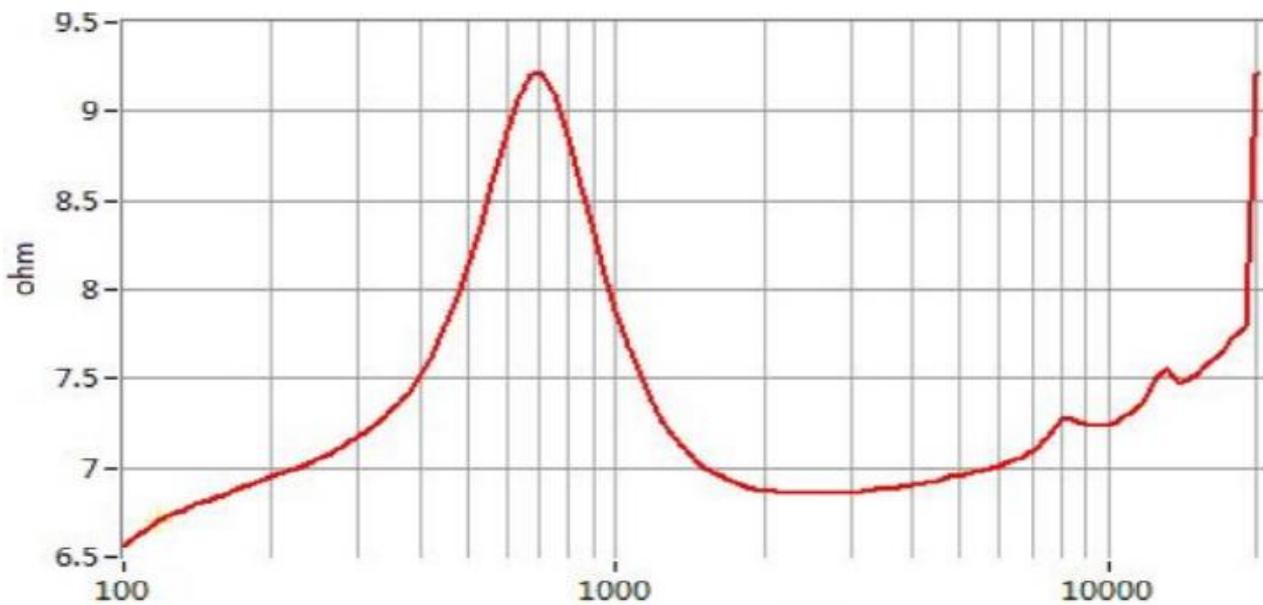
(0.5W, free air 0.1m)



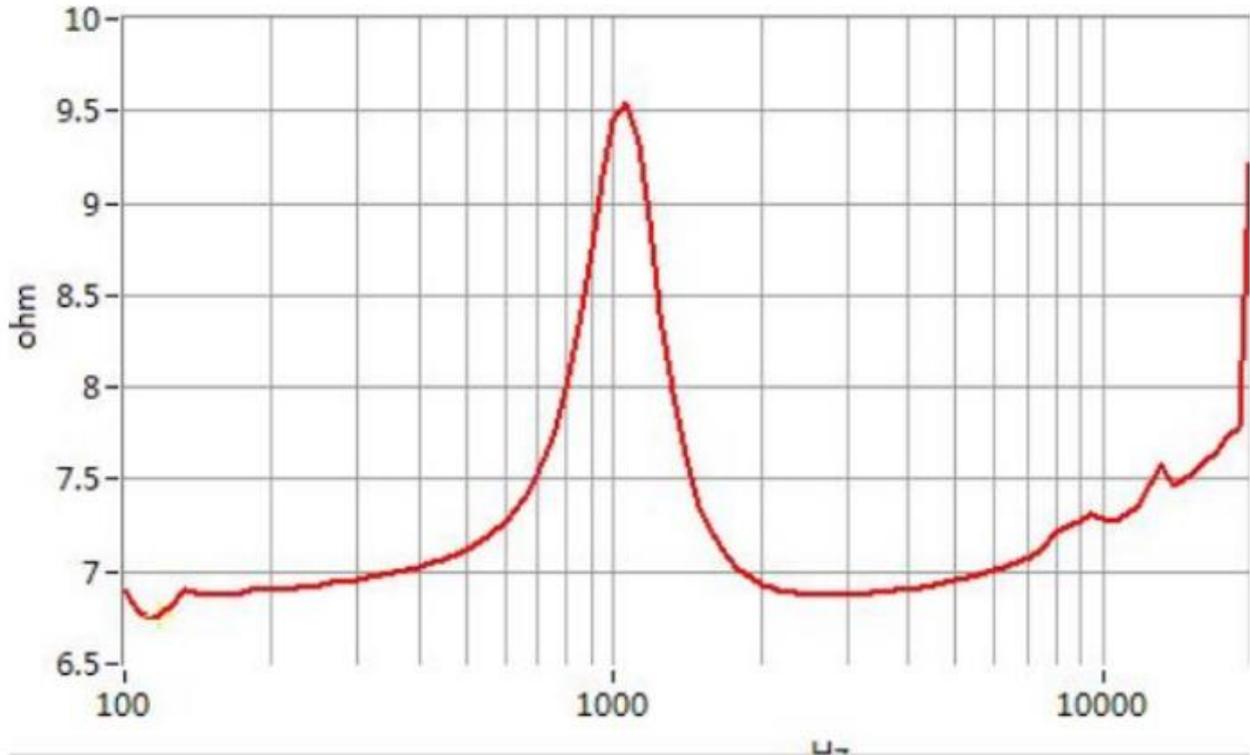
(0.7W,in(1CCBOX) 0.1m)



Resonance Frequency (0.5W/2Vrms) in free air



Resonance Frequency (0.7W/2.36Vrms in 1CC)



**APPROVAL**

DRAWN BY	AR, January 26, 2024
APPROVED BY	CP, January 26, 2024
REVISION	A, Initial Release



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