

## CAC43-01F64-03-1

Rev. 1-2024  
RoHS3 & REACH  
Chamber Assembly



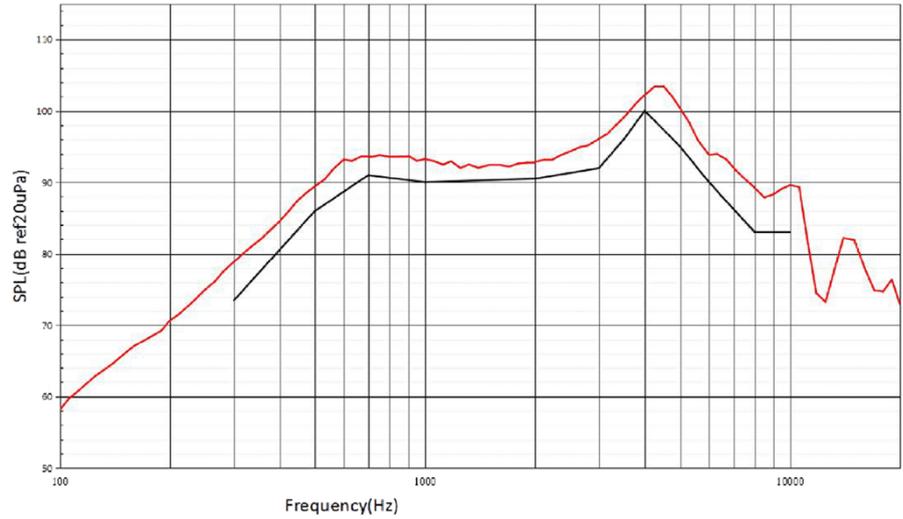
### Operating Characteristics

#### ELECTRICAL

Rated Power	1 W
Short Term Max Power	1.5 W
Impedance	8 Ω ± 15 % 2000 Hz; 1 W

#### ACOUSTIC

$f_o$	640 ± 80 Hz 1 W; 10 cm
Freq. Range	640 to 10000 Hz
Rated SPL	93.5 +3/-2 dB
Test Conditions	2000 Hz; 1 W; 10 cm
Distortion	See Page 2



### Physical Characteristics

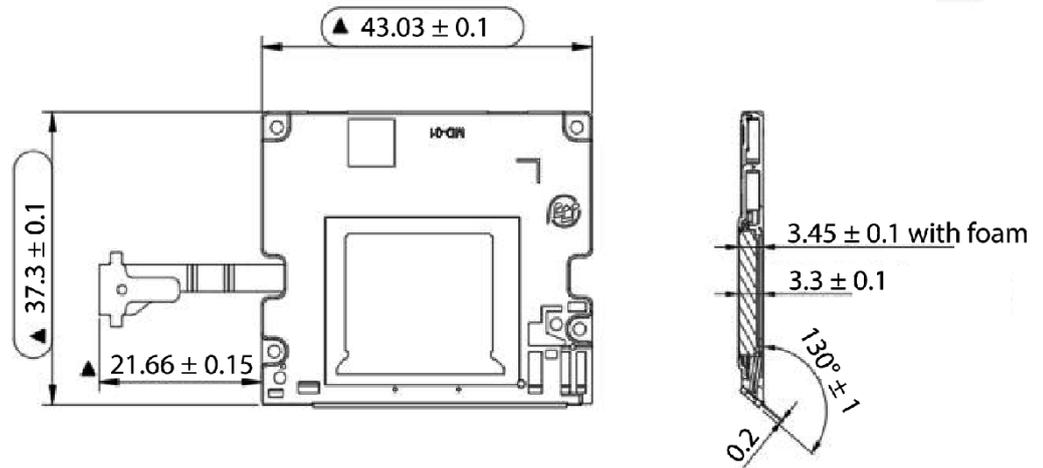
#### MATERIALS

Chamber Housing	PC + 20% Glass Fiber
Speaker Housing	PPA
Diaphragm	TPEE
Magnet	NdFeB
FPC	Gold Plated Copper

#### TEMPERATURE RANGES

Operating	-20 to +60 °C
Storage	-40 to +85 °C

Weight	6.15 g
Number of Magnets	1
Speaker Part #	CS20-01P63-02-1



General tolerance = ±0.5 mm and all measurements in mm unless otherwise noted.

Revision	Description	By	Date
0-2023	Original Specification.	SK	2023-11-27
1-2024	Updated side view on the mechanical drawing to reflect the proper configuration.	AL	2024-01-15

Warranty: For a period of one (1) year from date of shipping under normal operations conditions. This warranty does not apply to products damaged through misuse, abuse, improper installation, alteration, rework, or attempt to repair.

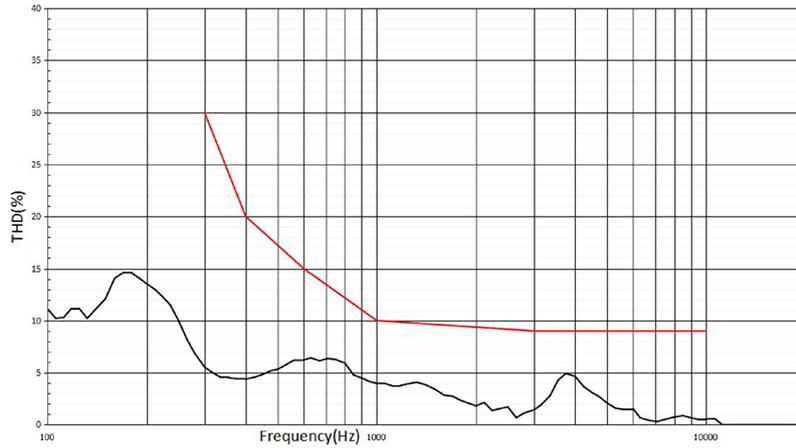
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### Distortion (THD)



Tolerance Limits Data for THD

Frequency	Frame Line (red)
300	30
400	20
600	15
1000	10
3000	9
5000	9
6000	9
10000	9

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