

CAC36-02W80-09-1

Rev. 1-2024
RoHS3 & REACH
Chamber Assembly



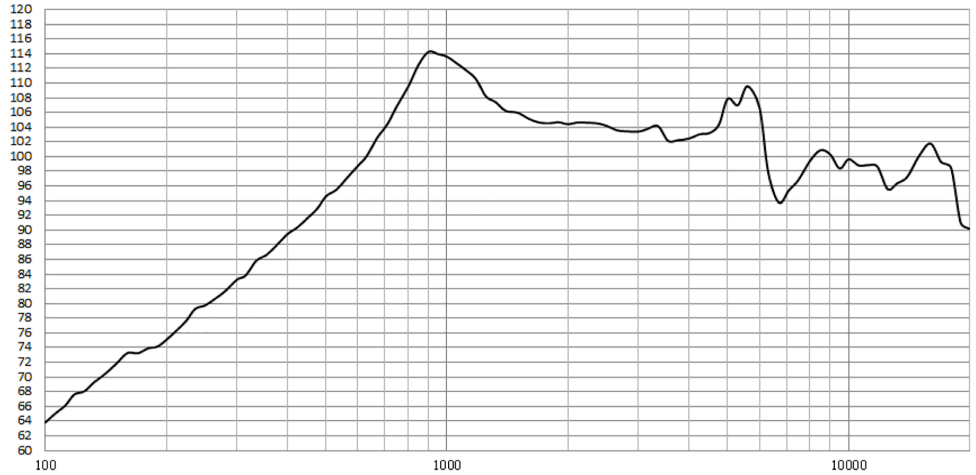
Operating Characteristics

ELECTRICAL

Rated Power	2 W
Short Term Max Power	2.5 W
Impedance	4 Ω ± 15 % 2000 Hz; 2 W

ACOUSTIC

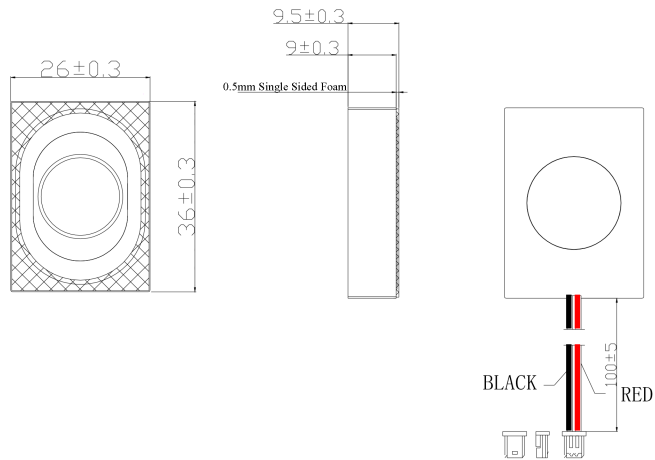
f_0	800 Hz ± 20 % 2 W; 10 cm
Freq. Range	640 to 20000 Hz
Rated SPL	111 ± 3 dB
Test Conditions	800, 900, 1000, 1200 Hz; 2 W; 10 cm
Distortion	Max 10 % 1000 Hz; 2 W



Physical Characteristics

MATERIALS

Chamber Housing	PC ABS
Cone	Paper With Cloth Edge
Magnet	NdFeB
Gasket	Poron
Wire	UI1571, 30 AWG
Connector	Molex 51021-0200 Or Eq.



TEMPERATURE RANGES

Operating	-20 to +60 °C
Storage	-30 to +70 °C

Weight 15 g

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

Revision	Description	By	Date
0-2024	Original Specification	AL	2024-04-29
1-2024	Added general tolerance. Added front poron gasket and connector. Updated f_0 from 900 Hz to 800 Hz. Removed number of magnets callout. Updated response curve. Updated distortion testing frequency from 2000 Hz to 1000 Hz.	JL	2024-08-20

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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