

CAC44-01W85-15-1X

Rev. 1-2024
RoHS3 & REACH
IP67 Front Face
Chamber Assembly



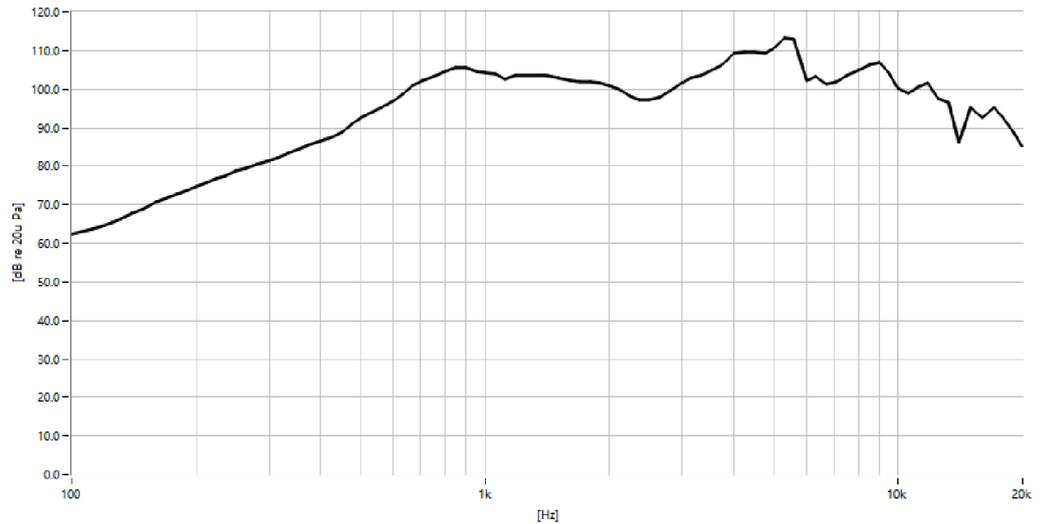
Operating Characteristics

ELECTRICAL

Rated Power	1.5 W
Short Term Max Power	2 W
Impedance	4 Ω ± 15 % 2000 Hz; 0.25 W

ACOUSTIC

f_o	850 Hz ± 20 % 0.25 W; 10 cm
Freq. Range	680 to 10000 Hz
Rated SPL	105 ± 3 dB
Test Conditions	1000 Hz; 1.5 W; 10 cm
Distortion	Max 10 % 1000 Hz; 1.5 W



Physical Characteristics

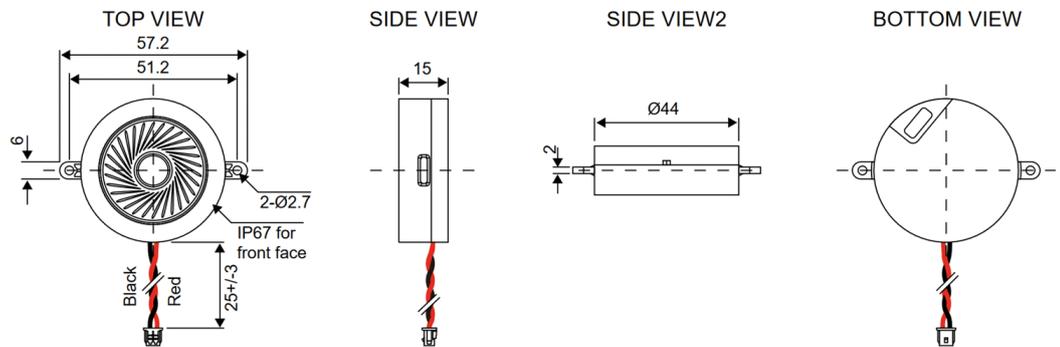
MATERIALS

Chamber Housing	ABS777 + SPCC
Speaker Housing	PC, ABS, + SPCC
Diaphragm	PEN
Magnet	NdFeB
Wires (Red & Black)	UL3302, 32AWG
Connector	11251W90-2P-SM-HF

TEMPERATURE RANGES

Operating	-25 to +60 °C
Storage	-25 to +60 °C

Weight	17.5 g
Number of Magnets	1
Speaker Part #	CS36-01P65-09-1



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

Revision	Description	By	Date
0-2023	Original Specification.	SK	2023-12-26
1-2024	Updated part image and updated frequency range.	SK	2024-02-01

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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