

CAC40-02W100-15-1X

Rev. 3-2025
RoHS3 & REACH
IP67
Chamber Assembly



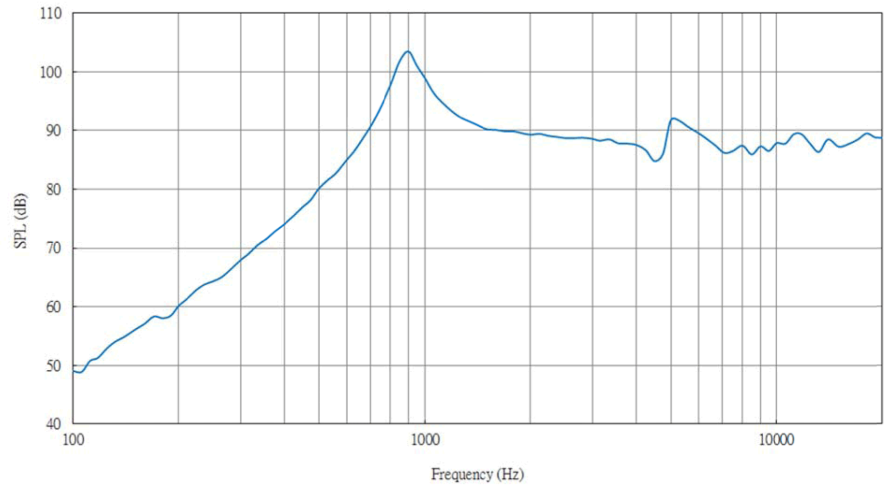
Operating Characteristics

ELECTRICAL

Rated Power	2 W
Short Term Max Power	3 W
Impedance	4 Ω ± 15 % 1,000 Hz; 0.1 W

ACOUSTIC

f_0	1,000 Hz ± 20 % 0.1 W
Freq. Range	200 to 20,000 Hz
Rated SPL	95 ± 3 dB
Test Conditions	800, 1,000, 1,200, 1,500 Hz; 0.1 W; 10 cm
Distortion	Max 10 % 2,000 Hz; 0.1 W



Physical Characteristics

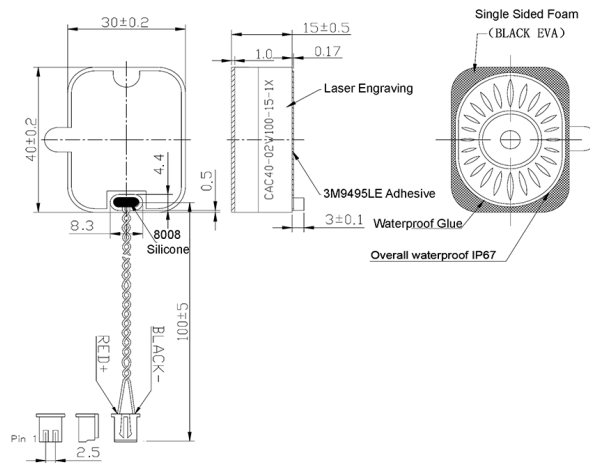
MATERIALS

Speaker Box Frame	PBT
Speaker Frame	PBT+SPCC
Diaphragm	PEI
Magnet	NdFeB
Wires	UL1571, 26AWG
Connector	JST: XHP-2

TEMPERATURE RANGES

Operating	-40 to +70 °C
Storage	-40 to +80 °C

Weight	12 g
Speaker Part #	CS40-02P65-06-1X



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

Revision	Description	By	Date
2-2025	Updated mechanical drawing to show placement of wire routing at the back of the housing rather than the side of the housing. Updated from IP67 to IP67 Front Face	KG	2025-03-26
3-2025	IP Rating was updated from IP67 Front Face to IP67. Mechanical drawing was updated to show the entire assembly is IP67.	KG	2025-05-14

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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