

CAC32-02W110-13-1X

Rev. 2-2025
RoHS3 & REACH
IPX7 Front Face
Chamber Assembly



Operating Characteristics

ELECTRICAL

Rated Power	2 W
Short Term Max Power	2.2 W
Impedance	8 Ω $\pm$ 15 % 2,000 Hz; 2 W

ACOUSTIC

f_o	1,100 Hz $\pm$ 20 % 2 W, 10 cm
Freq. Range	880 to 20,000 Hz
Rated SPL	105 $\pm$ 3 dB
Test Conditions	1,000, 1,500, 2,000 Hz; 2 W; 10 cm
Distortion	Max 10 % 2,000 Hz; 2 W



Physical Characteristics

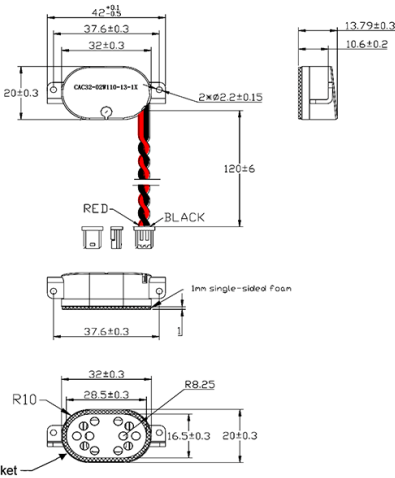
MATERIALS

Chamber Housing	PC110
Speaker Housing	PPA
Diaphragm	PEEK
Magnet	NdFeB
Wire	UL1571, 30AWG
Connector	Molex 51021-0200
Gasket	Single Sided Adhesive Compressible Foam

TEMPERATURE RANGES

Operating	-20 to +60 °C
Storage	-30 to +85 °C

Weight	8.2 g
Speaker Part #	CS18-02P110-04-1X



General tolerance = ± 0.3 mm and all measurements in mm unless otherwise noted.

Revision	Description	By	Date
1-2024	Updated tolerance from 42 ± 0.3 mm to 42 $\pm 0.1/-0.5$ mm in mechanical drawing	KG	2024-09-27
2-2025	Updated the mechanical drawing to include a gasket and more dimensions to the front face of the chamber. Added the material of the gasket.	KG	2025-09-10

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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