

CAC40-04W110-08-1X

Rev. 0-2026
RoHS3 & REACH
IPX7 Front Face
Chamber Assembly



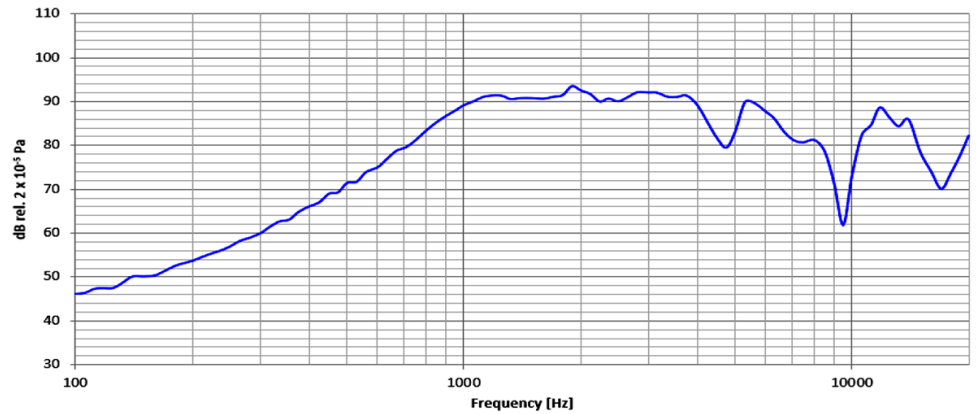
Operating Characteristics

ELECTRICAL

Rated Power	4 W
Short Term Max Power	4.2 W
Impedance	4 Ω \pm 20 % 2,000 Hz; 4 W

ACOUSTIC

f_0	1,100 Hz \pm 20 % 4 W
Freq. Range	880 to 10,000 Hz
Rated SPL	90 \pm 3 dB
Test Conditions	1,000, 1,180, 1,500 Hz; 4 W; 50 cm
Distortion	\leq 10 % 2,000 Hz; 4 W



Physical Characteristics

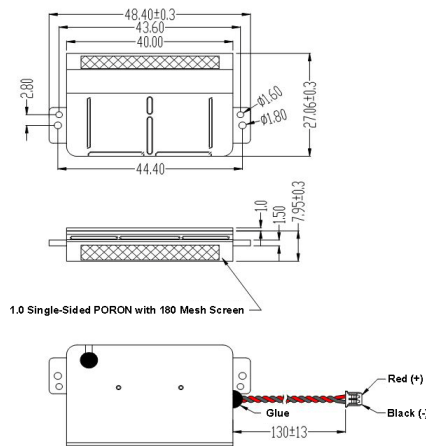
MATERIALS

Chamber Housing	PC540
Speaker Housing	PPA
Diaphragm	PEEK
Magnet	NdFeB
Wire	UL 1571, 32AWG
Connector	Molex:51021-0200 Or Equivalent

TEMPERATURE RANGES

Operating	-20 to +70 °C
Storage	-40 to +85 °C

Weight	11 g
Speaker Part #	CS20-02P110-03-1



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

Revision	Description	By	Date
0-2026	Original Specification	KG	2026-01-09

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.

The information contained herein is believed to be correct, but no guarantee or warranty, express or implied, with respect to accuracy, completeness or results is extended and no liability is assumed. Challenge Electronics reserves the right to make changes in any specification, data or material contained herein.