

CS17-00P100-03-2X

Rev. 1-2025
RoHS3 & REACH
IPX7 Front Face
Chamber-Free Mobile Speakers



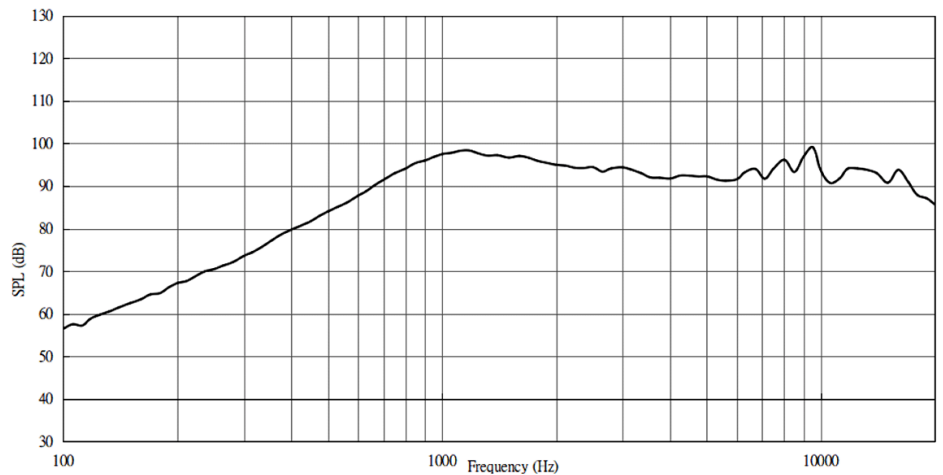
Operating Characteristics: Baffle Board

ELECTRICAL

Rated Power	1 W
Short Term Max Power	1.2 W
Impedance	8 Ω \pm 15 % 2,000 Hz; 1 W

ACOUSTIC

f_o	1,000 Hz \pm 20 % 1 W
Freq. Range	800 to 10,000 Hz
Rated SPL	96 \pm 3 dB 1,000, 1,250, 1,500, 2,000 Hz; AVG; 1 W; 10 cm
Distortion	\leq 10 % 1,000 Hz; 1 W



Physical Characteristics

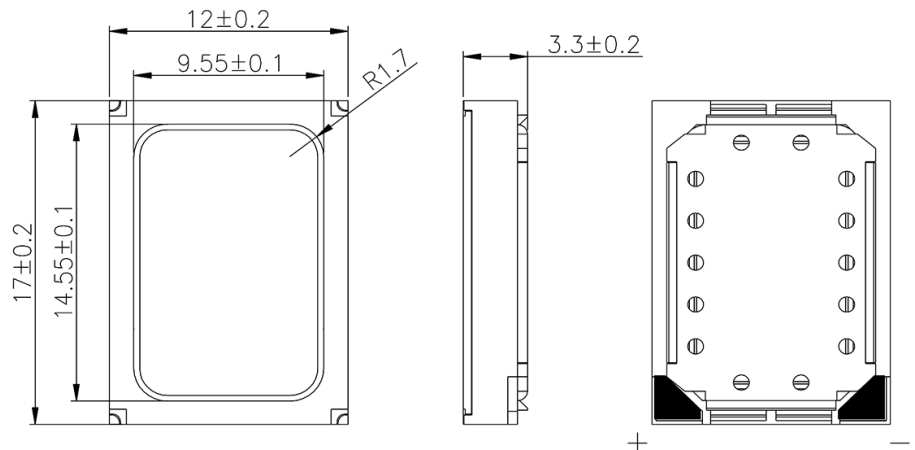
MATERIALS

Housing	PPA
Cone	PEEK
Magnet	NdFeB
Solder Pad	Stainless Steel, Tin Plated

TEMPERATURE RANGES

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

Weight 2.1 g



General tolerance = \pm 0.2 mm and all measurements in mm unless otherwise noted.

Revision	Description	By	Date
0-2025	Original Specification	KG	2025-02-25
1-2025	Updated the rated power from 0.7W to 1W and short term max power from 1W to 1.2W. Updated the power testing conditions for the impedance, resonant frequency, and distortion from 0.7W to 1W. Updated the spl value from 92dB to 96dB. Updated the spl power and frequency testing conditions from 0.7W to 1W and 2000Hz to 1000,1250,1500,2000 Hz. Updated frequency response curve.	KG	2025-10-31

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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