

CS15-01R115-04-1X

Rev. 0-2026
RoHS3 & REACH
IPX7 Front Face
Mobile Speakers



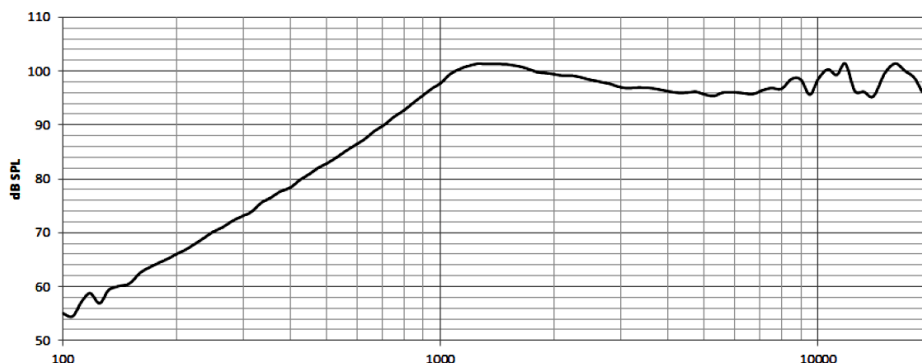
Operating Characteristics: 1cc Sealed Enclosure

ELECTRICAL

Rated Power	1 W
Short Term Max Power	1.2 W
Impedance	8 Ω \pm 20 % 2,000 Hz; 1 W

ACOUSTIC

f_o	1,150 Hz \pm 20 % 1 W
Freq. Range	920 to 20,000 Hz
Rated SPL	100 \pm 3 dB 1,000, 1,180, 1,500 Hz; AVG; 1 W; 10 cm
Distortion	< 5 % 2,000 Hz; 1 W



Physical Characteristics

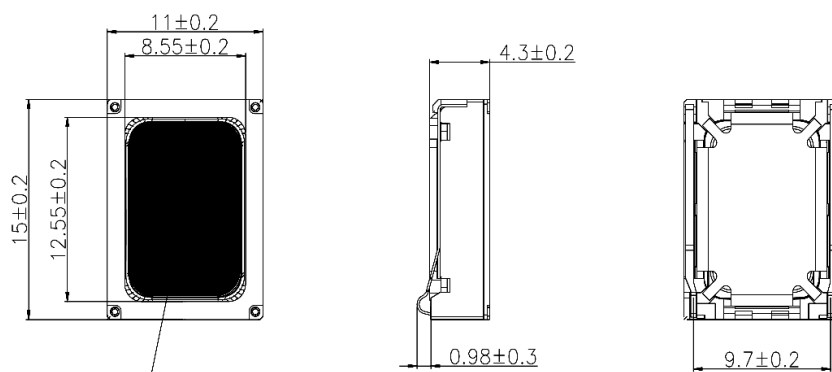
MATERIALS

Housing	PPA
Cone	PEEK
Magnet	NdFeB
Spring	Stainless Steel

TEMPERATURE RANGES

Operating	-20 to +70 °C
Storage	-30 to +70 °C

Weight	2.6 g
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Black diaphragm

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

Revision	Description	By	Date
0-2026	Original Specification	KG	2026-01-15

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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*IP rating can be achieved through proper assembly mounting. Please contact your local Challenge Electronics sales representative for more details.

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