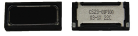


## CS23-01P100-03-1X

Rev. 2-2024  
RoHS3 & REACH  
IP67 Front Face  
Mobile Speakers



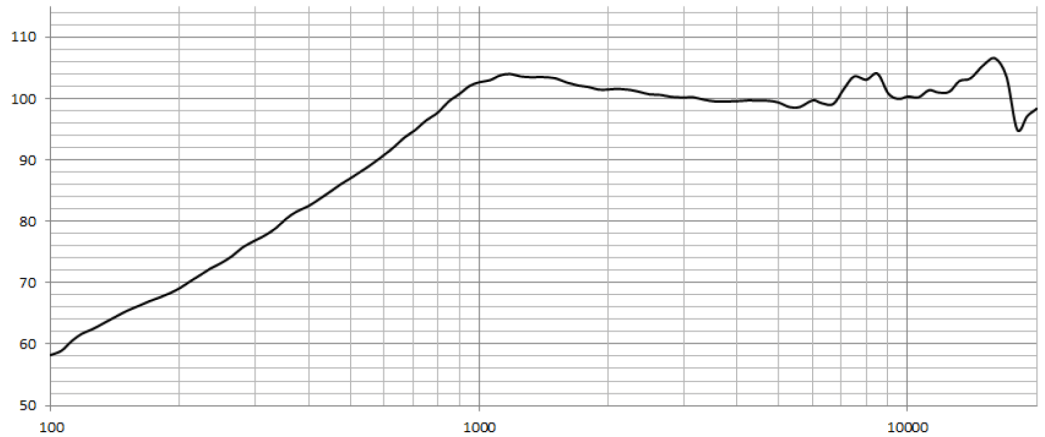
### Operating Characteristics: 1cc Sealed Enclosure

#### ELECTRICAL

Rated Power	1.5 W
Short Term Max Power	1.7 W
Impedance	8 Ω ± 15 % 2000 Hz; 1.5 W

#### ACOUSTIC

$f_o$	1000 Hz ± 20 % 1.5 W
Freq. Range	800 to 20000 Hz
Rated SPL	103 ± 3 dB 1000, 1500, 2000 Hz; AVG; 1.5 W; 10 cm
Distortion	Max 10 % 2000 Hz; 1.5 W



### Physical Characteristics

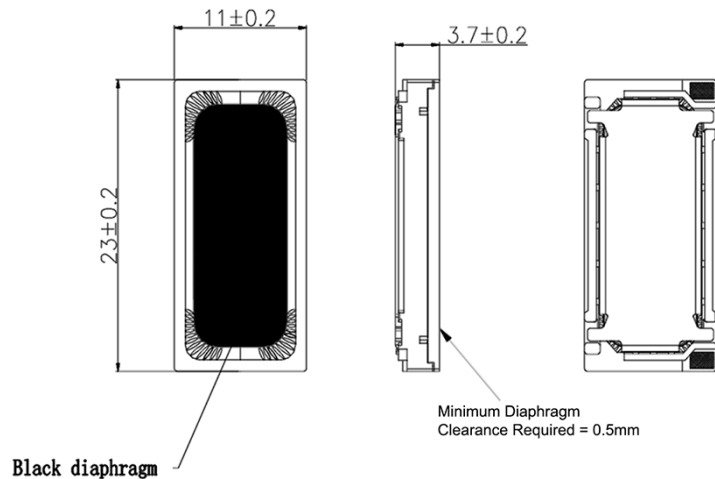
#### MATERIALS

Housing	Plastic
Cone	PEEK
Magnet	NdFeB
Solder Pads	Tin Plated Stainless Steel

#### TEMPERATURE RANGES

Operating	-20 to +60 °C
Storage	-20 to +70 °C

Weight 3 g



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

Revision	Description	By	Date
1-2022	Added minimum diaphragm clearance requirement callout to the mechanical drawing. Added product photo.	CT	2022-05-12
2-2024	Updated frequency range.	SK	2024-02-22

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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