

## CS15-01R115-04-1X

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



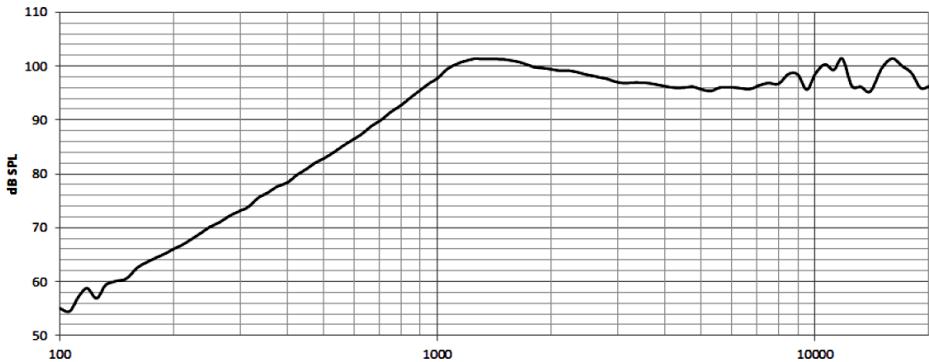
### Operating Characteristics: 1cc Sealed Enclosure

#### ELECTRICAL

|                      |                             |
|----------------------|-----------------------------|
| Rated Power          | 1 W                         |
| Short Term Max Power | 1.2 W                       |
| Impedance            | 8 Ω ± 20 %<br>2,000 Hz; 1 W |

#### ACOUSTIC

|             |  |
|-------------|--|
| $f_o$       | 1,150 Hz ± 20 %<br>1 W                                   |
| Freq. Range | 920 to 20,000 Hz   |
| Rated SPL   | 100 ± 3 dB<br>1,000, 1,180, 1,500 Hz;<br>AVG; 1 W; 10 cm |
| Distortion  | < 5 %<br>2,000 Hz; 1 W                                   |



### Physical Characteristics

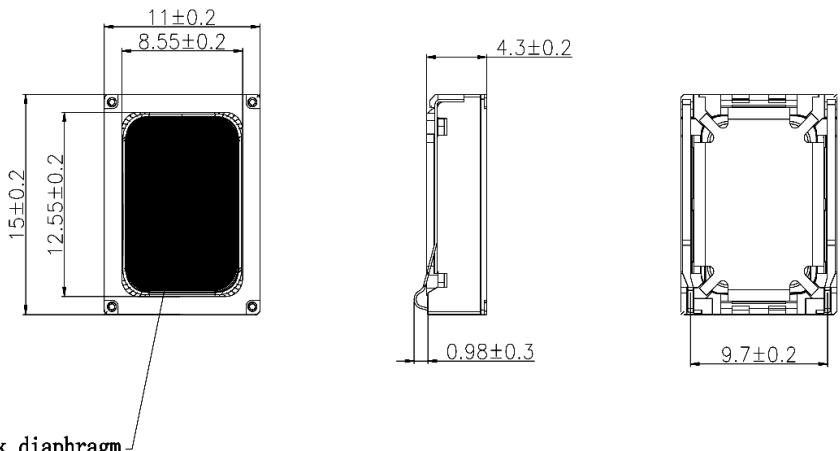
#### MATERIALS

|         |                 |
|---------|-----------------|
| 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 |
|--------|-------|



General tolerance = ±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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