

## CS12-00R110-02-1X

Former P/N: CS12R-0095-021

Rev. 3-2019  
RoHS3 & REACH  
IPX7 Front Face  
Mobile Speakers



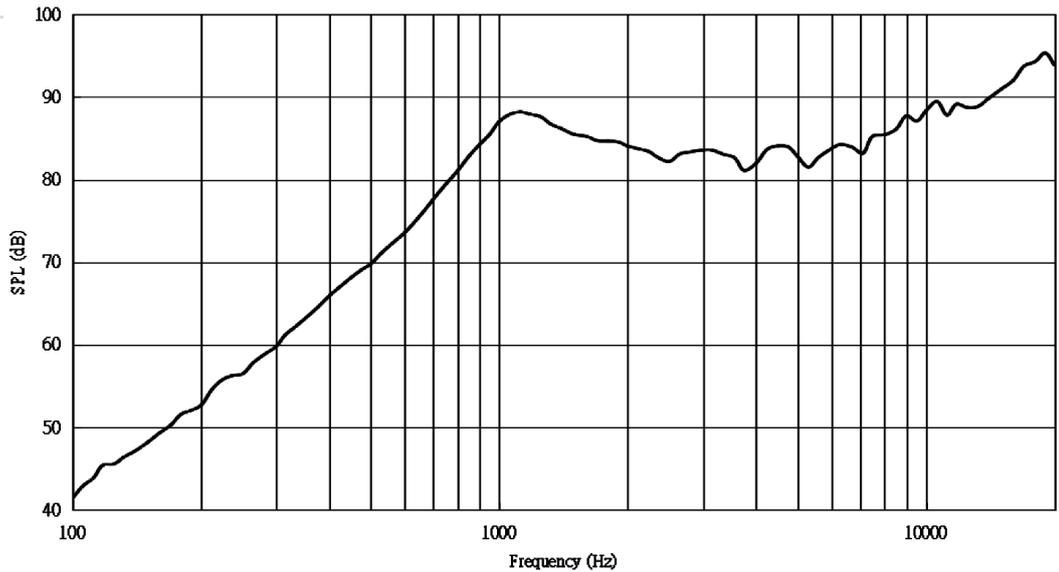
### Operating Characteristics: 0.5CC Sealed Enclosure

#### ELECTRICAL

|                      |                              |
|----------------------|------------------------------|
| Rated Power          | 0.5 W                        |
| Short Term Max Power | 0.75 W                       |
| Impedance            | 8 Ω ± 15 %<br>2000 Hz; 0.5 W |

#### ACOUSTIC

|             |  |
|-------------|--|
| $f_0$       | 1100 Hz ± 20 %<br>0.5 W                    |
| Freq. Range | 880 to 10000 Hz                            |
| Rated SPL   | 84 ± 3 dB<br>2000 Hz;<br>AVG; 0.5 W; 10 cm |
| Distortion  | <10 %<br>2000 Hz; 0.5 W                    |



### Physical Characteristics

#### MATERIALS

|         |                 |
|---------|-----------------|
| Housing | LCP             |
| Cone    | PEEK            |
| Magnet  | NdFeB           |
| Spring  | Stainless Steel |

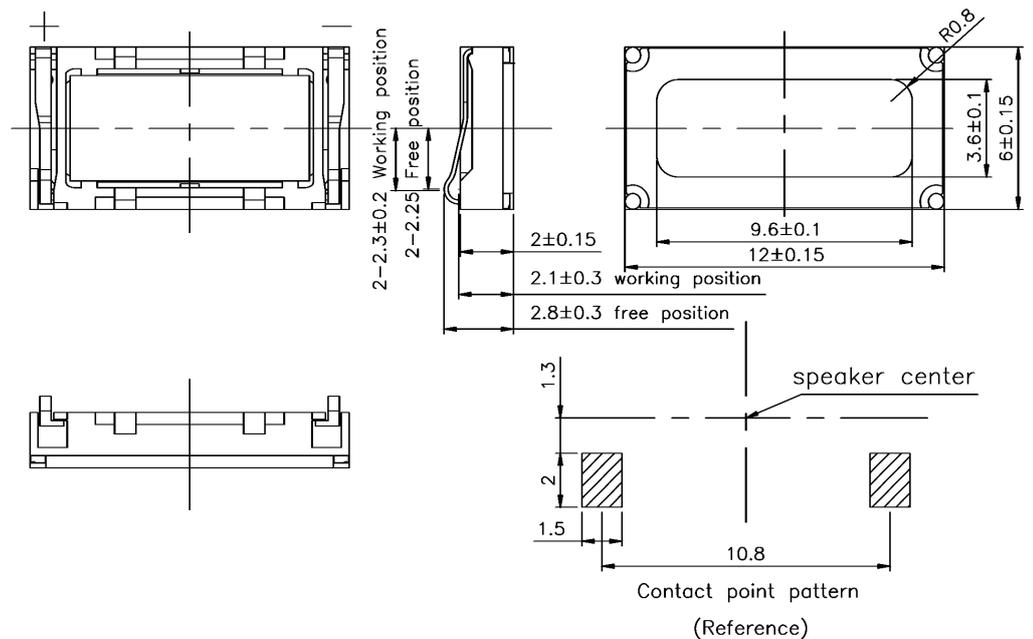
#### TEMPERATURE RANGES

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

Weight 0.4 g

Unit: mm

Tolerance: ±0.2



All measurements in mm unless otherwise noted.

| Revision | Description   | By | Date       |
|----------|---|----|------------|
| 2-2019   | Updated rated wattage from 0.35 W to 0.5 W, maximum short term wattage from 0.7 W to 0.75 W, SPL from 81 dB to 84 dB, resonant frequency from 950 Hz to 1100 Hz, and distortion testing conditions. | JL | 2019-04-08 |
| 3-2019   | Migrate to new format.  | CF | 2019-06-24 |

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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