

## CAC25-01W75-07-1X

Rev. 1-2021  
 RoHS3 & REACH  
 IPX7  
 Chamber Assembly



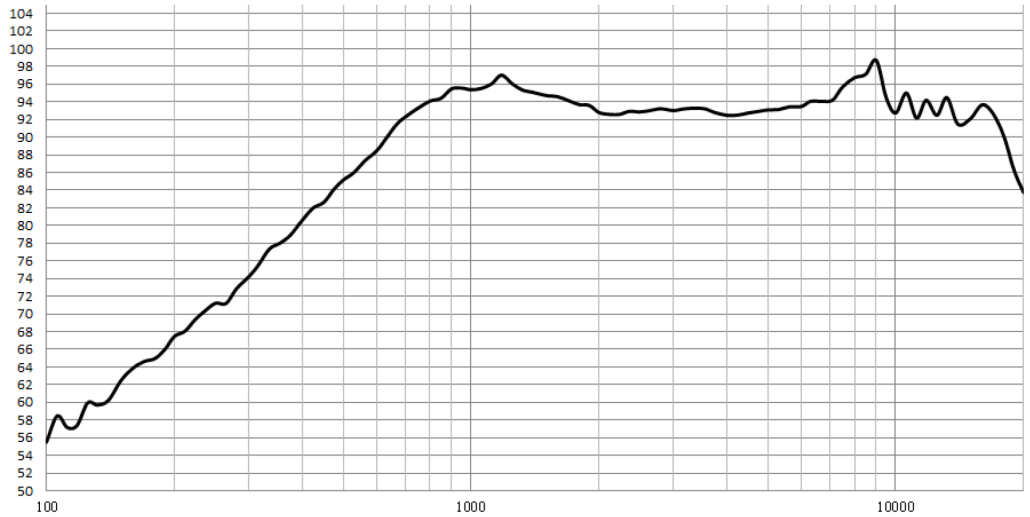
### Operating Characteristics

#### ELECTRICAL

|                      |                                |
|----------------------|--------------------------------|
| Rated Power          | 1 W                            |
| Short Term Max Power | 1.2 W                          |
| Impedance            | 6 Ω ± 15 %<br>2000 Hz; 0.167 W |

#### ACOUSTIC

|                 |                          |
|-----------------|--------------------------|
| $f_0$           | 800 Hz ± 20 %            |
| Freq. Range     | 800 to 20000 Hz          |
| Rated SPL       | 93 ± 3 dB                |
| Test Conditions | 2000 Hz;<br>1 W; 10 cm;  |
| Distortion      | Max 10 %<br>2000 Hz; 1 W |



### Physical Characteristics

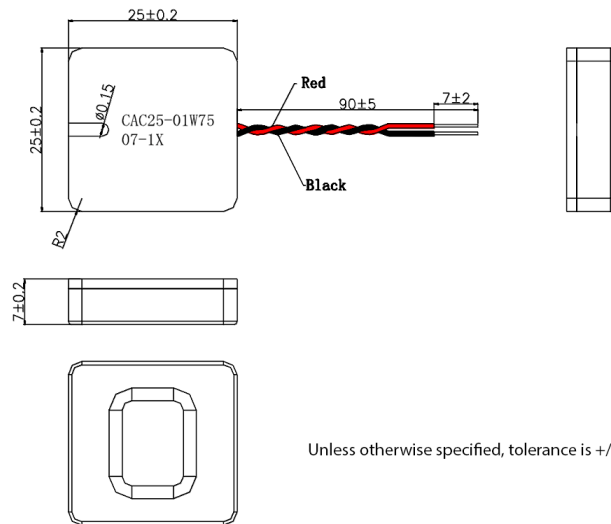
#### MATERIALS

|                   |                |
|-------------------|----------------|
| Speaker Box Frame | PC540          |
| Speaker Frame     | PPA            |
| Diaphragm         | PEEK           |
| Magnet            | NdFeB          |
| Wire              | UL3302, 26 AWG |

#### TEMPERATURE RANGES

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

|                   |                 |
|-------------------|-----------------|
| Weight            | 4 g             |
| Number of Magnets | 1               |
| Speaker Part #    | CS15-01P85-03-2 |



Unless otherwise specified, tolerance is +/- 0.2 mm

All Measurements are mm unless noted otherwise.

| Revision | Description   | By | Date       |
|----------|---|----|------------|
| 0-2021   | Original Specification  | CT | 2021-03-08 |
| 1-2021   | Updated mechanical drawing. Updated resonant frequency from 750±10% Hz to 800±20% Hz. | CT | 2021-07-09 |

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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