

# CS34-01P70-03-1

Former P/N: CS34-01P75-03-1

Rev. 4-2022  
RoHS3 & REACH  
IP67 Front Face Capable\*  
Mobile Speakers

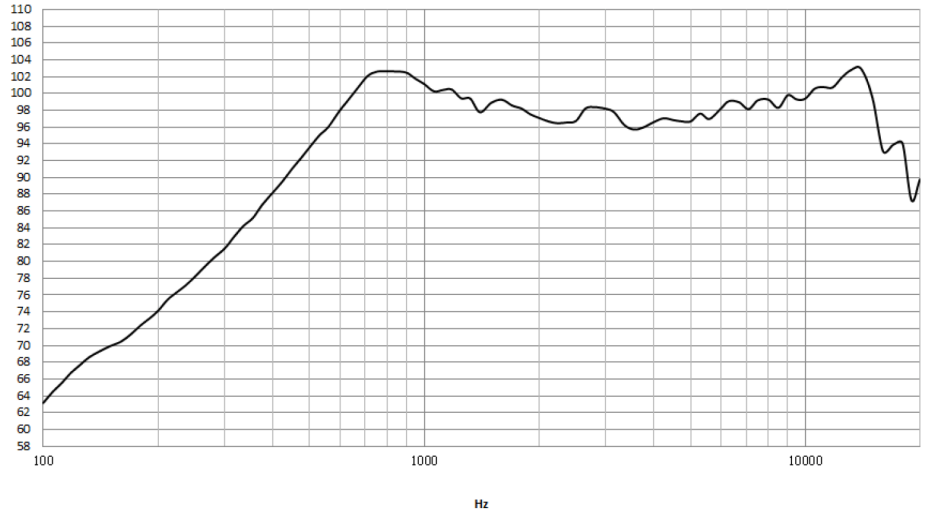

## Operating Characteristics

### ELECTRICAL

|                      |                                         |
|----------------------|-----------------------------------------|
| Rated Power          | 1.5 W                                   |
| Short Term Max Power | 2 W                                     |
| Impedance            | 8 $\Omega$ $\pm$ 20 %<br>2000 Hz; 1.5 W |

### ACOUSTIC: 3CC Sealed Enclosure

|             |                                            |
|-------------|--------------------------------------------|
| $f_o$       | 700 Hz $\pm$ 20 %<br>1.5 W; 10 cm          |
| Freq. Range | 700 to 20000 Hz                            |
| Rated SPL   | 97 $\pm$ 3 dB<br>2000 Hz;<br>1.5 W; 10 cm; |
| Distortion  | Max 10 %<br>1000 Hz; 1.5 W                 |



## Physical Characteristics

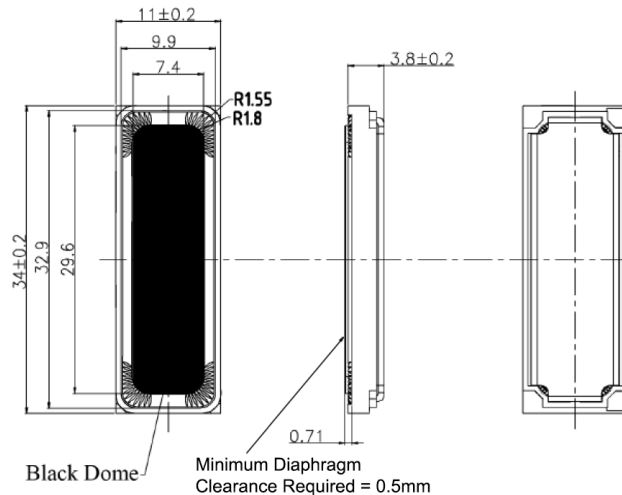
### MATERIALS

|            |                             |
|------------|-----------------------------|
| Housing    | PBT                         |
| Cone       | PEEK                        |
| Magnet     | NdFeB                       |
| Solder Pad | Stainless Steel, Tin Plated |

### TEMPERATURE RANGES

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

Weight 5 g


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

| Revision | Description                                                                                        | By | Date       |
|----------|----------------------------------------------------------------------------------------------------|----|------------|
| 3-2022   | Updated IP rated callout from IPX7 Front Face Capable to IP67 Front Face Capable.                  | CT | 2022-03-15 |
| 4-2022   | Added minimum diaphragm clearance required callout to the mechanical drawing. Added product photo. | CT | 2022-05-13 |

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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