

**MODEL:** CMS-3615-28SP | **DESCRIPTION:** SPEAKER**FEATURES**

- 8 ohm
- rated 2.0 W
- solder tabs

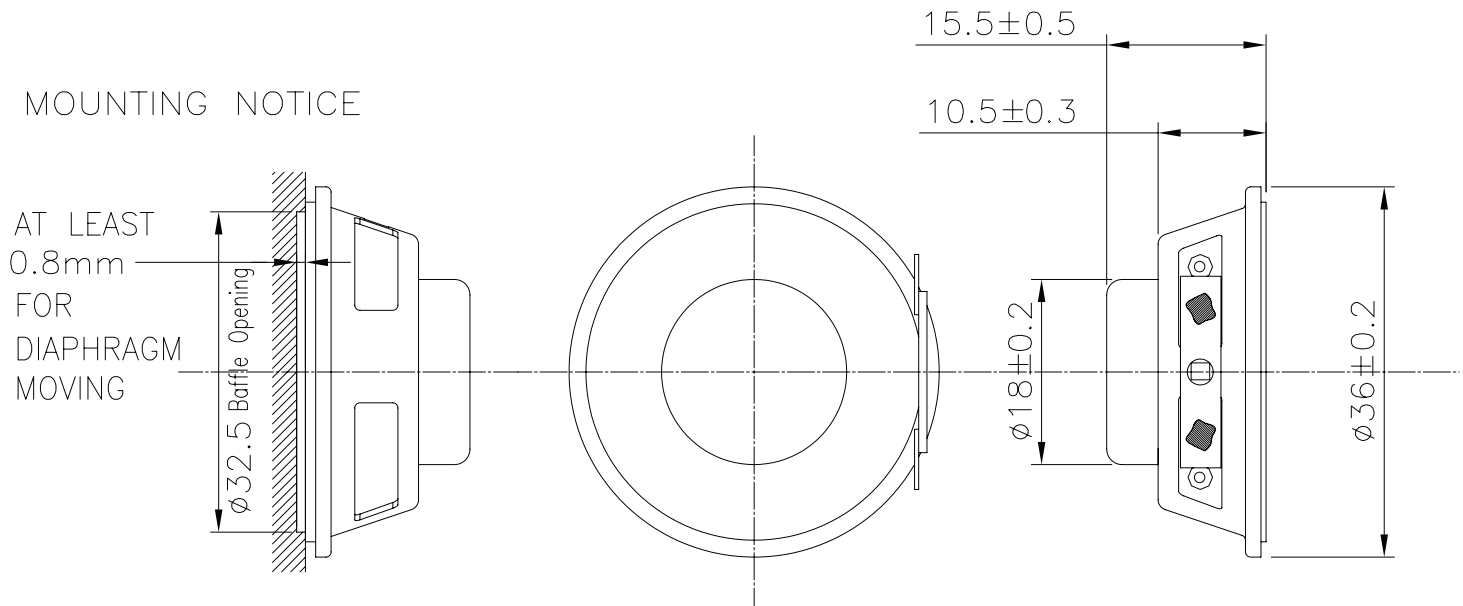
**SPECIFICATIONS**

| parameter               | conditions/description                                    | min | typ | max    | units              |
|-------------------------|---|-----|-----|--------|--------------------|
| input power             |   |     | 2   | 3      | W                  |
| impedance               | at 1.5 kHz  | 6.8 | 8   | 9.2    | $\Omega$           |
| resonant frequency (Fo) |   | 256 | 320 | 384    | Hz                 |
| frequency response      |   | 200 |     | 20,000 | Hz                 |
| sound pressure level    | at 1.0 W, 50 cm, avg 0.6, 0.8, 1.0, 1.2 kHz               | 83  | 86  | 89     | dB                 |
| distortion              | at 1.0 kHz, 1.0 W   |     |     | 5      | %                  |
| buzz, rattle, etc.      | must be normal at sine wave, frequency range              |     |     | 4.0    | V                  |
| polarity                | cone moves forward w/ positive dc current to "+" terminal |     |     |        |                    |
| dimensions              | $\varnothing 36 \times 15.5$                              |     |     |        | mm                 |
| magnet                  | Nd-Fe-B   |     |     |        |                    |
| frame material          | iron  |     |     |        |                    |
| cone material           | PU + paper  |     |     |        |                    |
| terminal                | solder tabs   |     |     |        |                    |
| weight                  |   |     | 25  |        | g                  |
| operating temperature   |   | -20 |     | 55     | $^{\circ}\text{C}$ |
| storage temperature     |   | -25 |     | 60     | $^{\circ}\text{C}$ |
| hand soldering          | for maximum 2 seconds                                     | 360 |     | 380    | $^{\circ}\text{C}$ |
| RoHS                    | yes   |     |     |        |                    |

Notes: 1. All specifications measured at 15~35 $^{\circ}\text{C}$ , humidity at 25~75%, unless otherwise noted.

## MECHANICAL DRAWING

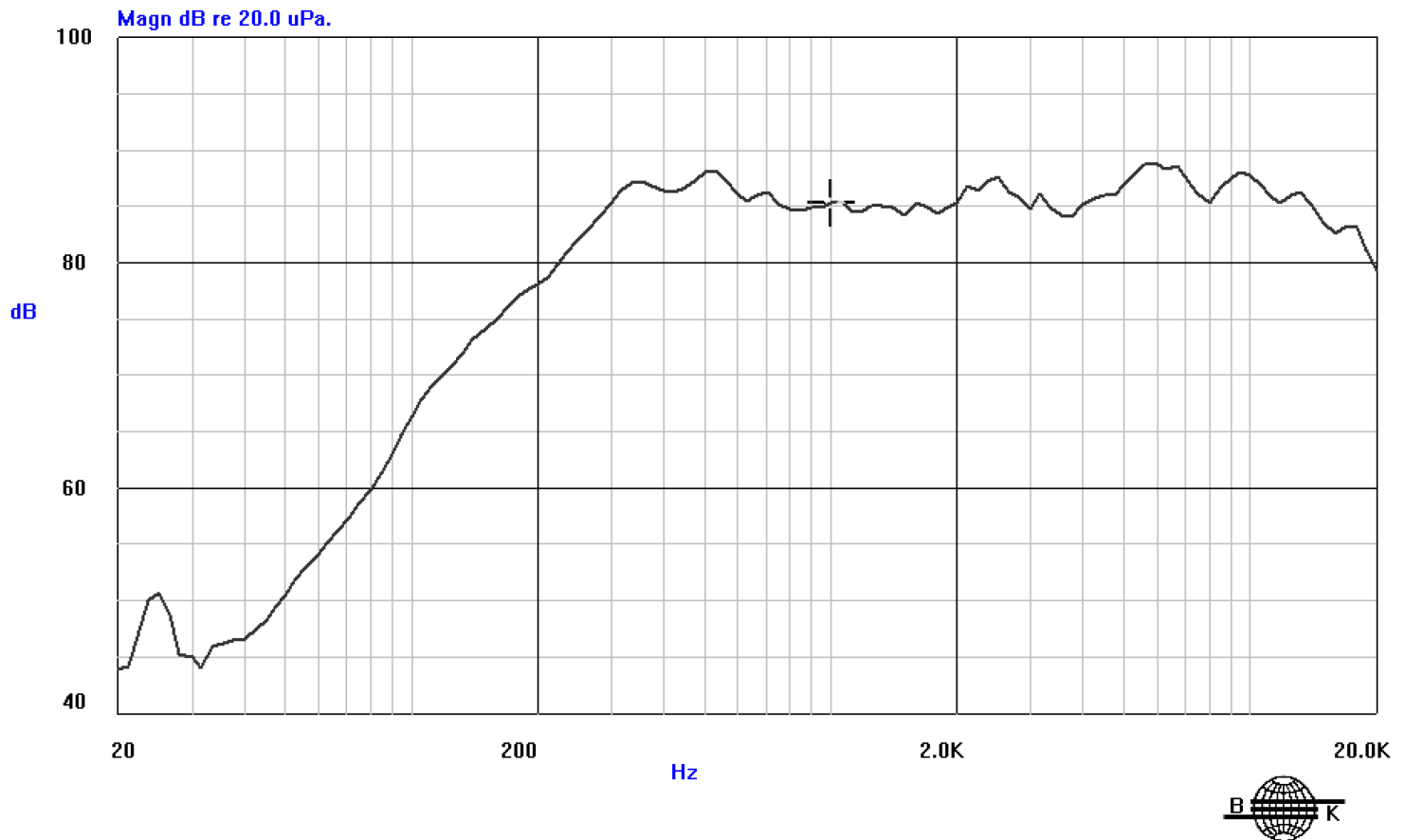
units: mm  
tolerance:  $\pm 0.2$  mm



## RESPONSE CURVES

### Frequency Response Curve

Test Conditions: 2.83 V / 50 cm



## REVISION HISTORY

| rev. | description     | date       |
|------|-----------------|------------|
| 1.0  | initial release | 07/06/2023 |

The revision history provided is for informational purposes only and is believed to be accurate.



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