

**MODEL:** CMS-1536-0332S | **DESCRIPTION:** SPEAKER**FEATURES**

- spring contact
- 32  $\Omega$  impedance
- rated 0.3 W

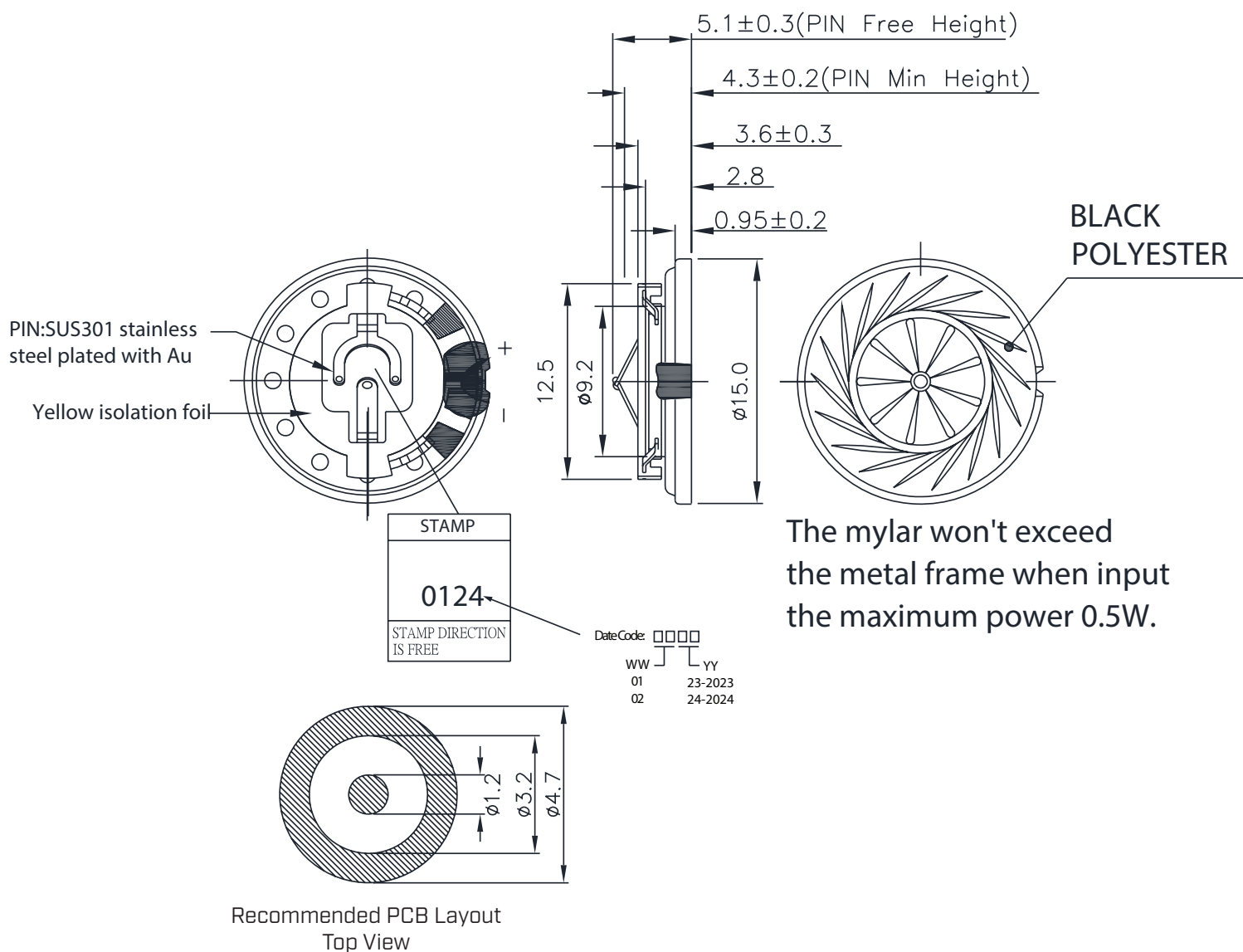
**SPECIFICATIONS**

| parameter               | conditions/description  | min  | typ   | max    | units              |
|-------------------------|---|------|-------|--------|--------------------|
| input power             | max power: IEC-60268-5, filter 60 seconds on/120 seconds off, 10 cycles at room temperature |      | 0.3   | 0.5    | W                  |
| impedance               | at 1.5 kHz, 1.0 V   | 27.2 | 32    | 36.8   | $\Omega$           |
| resonant frequency (Fo) | at 1.0 V  | 800  | 1,000 | 1,200  | Hz                 |
| frequency response      |   | Fo   |       | 20,000 | Hz                 |
| sound pressure level    | at 0.3 W, 10 cm, avg at 1.0, 1.2, 1.5, 2.0 kHz  | 89   | 92    | 95     | dB                 |
|                         | at 0.1 W, 10 cm, avg at 1.0, 1.2, 1.5, 2.0 kHz  | 85   | 88    | 91     | dB                 |
| distortion              | at 2.0 kHz, 0.1 W, 10 cm  |      |       | 10     | %                  |
| buzz, rattle, etc.      | must be normal at sine wave, Fo~20 kHz  |      |       | 3.10   | V                  |
| polarity                | cone moves forward w/ positive dc current to "+" terminal                                   |      |       |        |                    |
| dimensions              | $\varnothing 15.0 \times 3.6$   |      |       |        | mm                 |
| magnet                  | Nd-Fe-B   |      |       |        |                    |
| frame material          | metal   |      |       |        |                    |
| cone material           | PEI   |      |       |        |                    |
| terminal                | spring terminals  |      |       |        |                    |
| weight                  |   |      | 1.2   |        | g                  |
| operating temperature   |   | -40  |       | 85     | $^{\circ}\text{C}$ |
| storage temperature     |   | -40  |       | 80     | $^{\circ}\text{C}$ |
| RoHS                    | yes   |      |       |        |                    |

Notes: 1. All specifications measured at 5-35 $^{\circ}\text{C}$ , humidity at 45-85%, under 86-106 kPa pressure, unless otherwise noted.

## MECHANICAL DRAWING

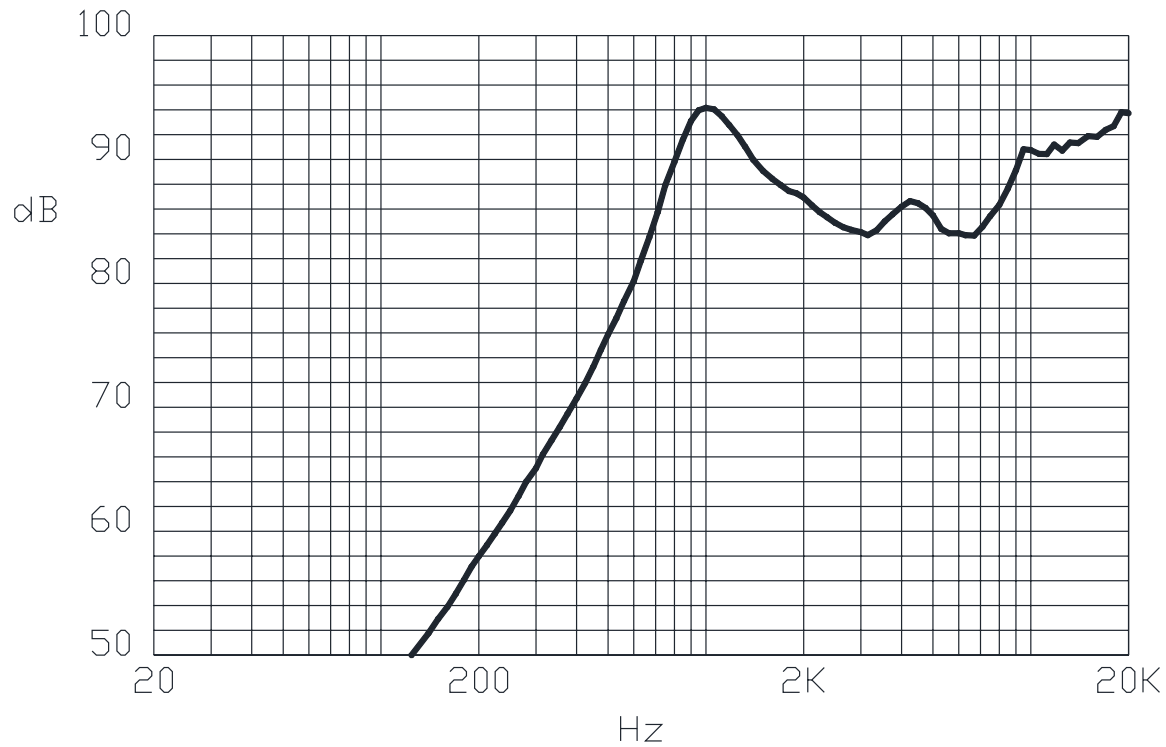
units: mm  
tolerance:  $\pm 0.2$  mm  
unless otherwise specified



## RESPONSE CURVES

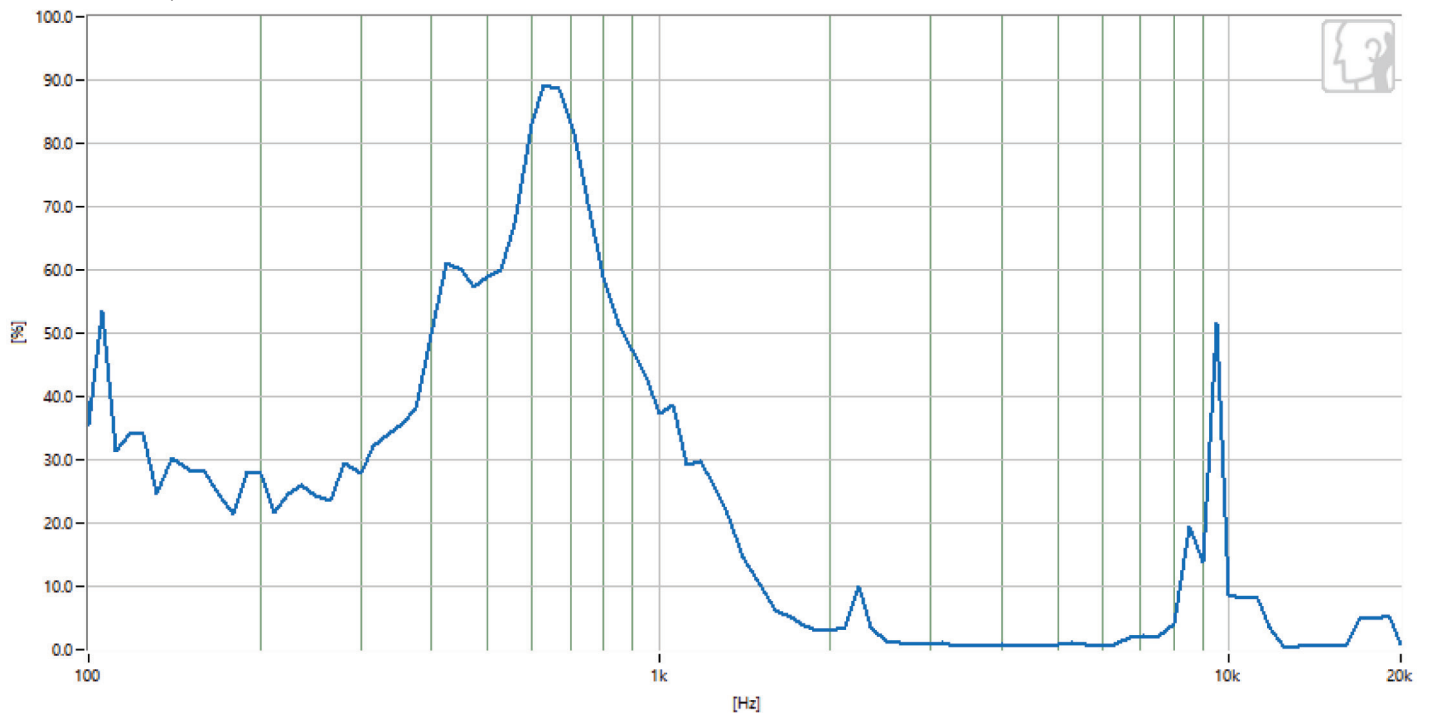
### Frequency Response Curve

Test Conditions: 0.1 W / 10 cm



### Total Harmonic Distortion Curve

Test Conditions: 0.1 W / 10 cm



REVISION HISTORY

| rev. | description     | date       |
|------|-----------------|------------|
| 1.0  | initial release | 04/05/2024 |

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



CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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