

**MODEL:** CMS-402057-18SP | **DESCRIPTION:** SPEAKER**FEATURES**

- 8 ohm
- rated 1.0 W
- solder pads

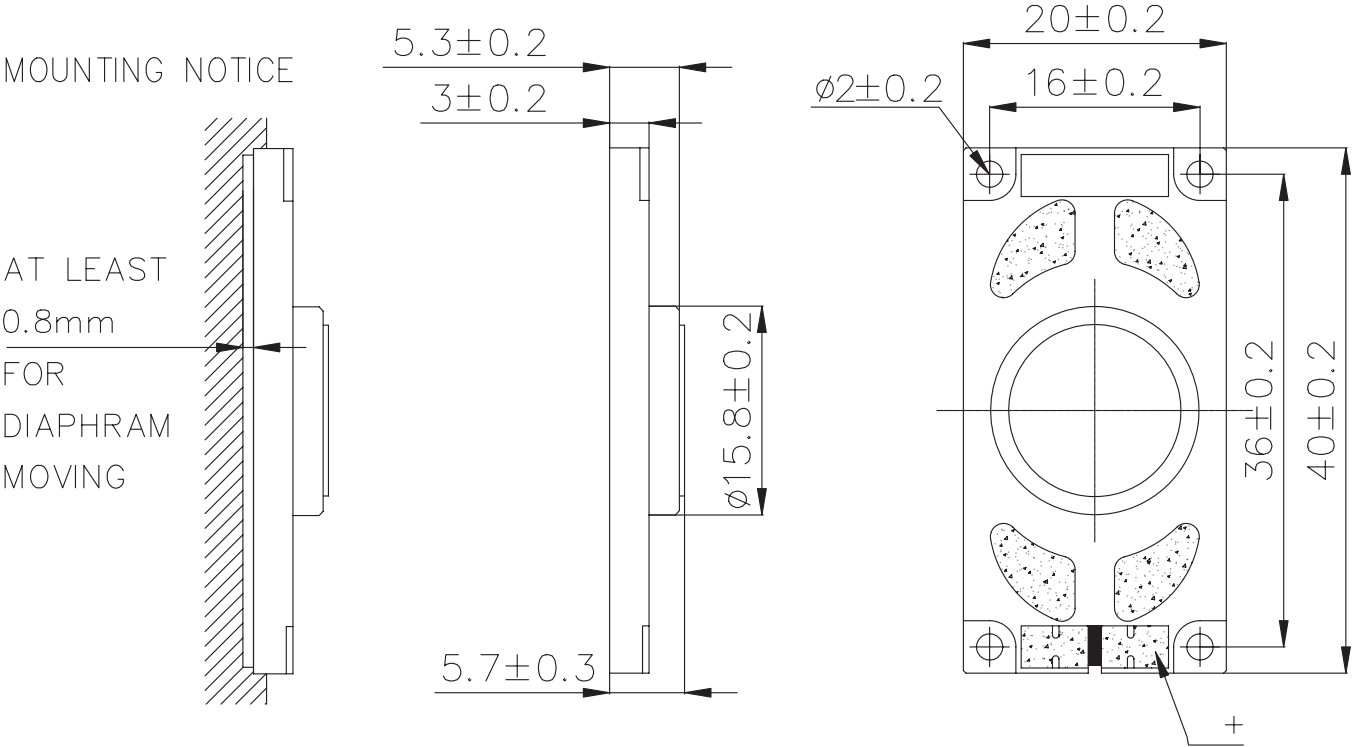
**SPECIFICATIONS**

| parameter               | conditions/description                                    | min | typ | max   | units              |
|-------------------------|-----------------------------------------------------------|-----|-----|-------|--------------------|
| input power             |                                                           |     | 1   | 1.5   | W                  |
| impedance               |                                                           | 6.8 | 8   | 9.2   | $\Omega$           |
| resonant frequency [Fo] |                                                           | 416 | 520 | 624   | Hz                 |
| frequency response      |                                                           | Fo  |     | 3,100 | Hz                 |
| sound pressure level    | at 1.0 W, 50 cm, avg at 0.8, 1.0, 1.2, 1.5 kHz            | 80  | 83  | 86    | dB                 |
| distortion              | at 1.0 kHz, 1.0 W, 50 cm                                  |     |     | 5     | %                  |
| buzz, rattle, etc.      | must be normal at sine wave                               |     |     | 2.83  | V                  |
| polarity                | cone moves forward w/ positive dc current to "+" terminal |     |     |       |                    |
| dimensions              | 40 x 20 x 5.7                                             |     |     |       | mm                 |
| magnet                  | Nd-Fe-B                                                   |     |     |       |                    |
| frame material          | ABS + 20% GF                                              |     |     |       |                    |
| cone material           | PEN                                                       |     |     |       |                    |
| terminal                | solder pads                                               |     |     |       |                    |
| weight                  |                                                           |     | 4.4 |       | 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**

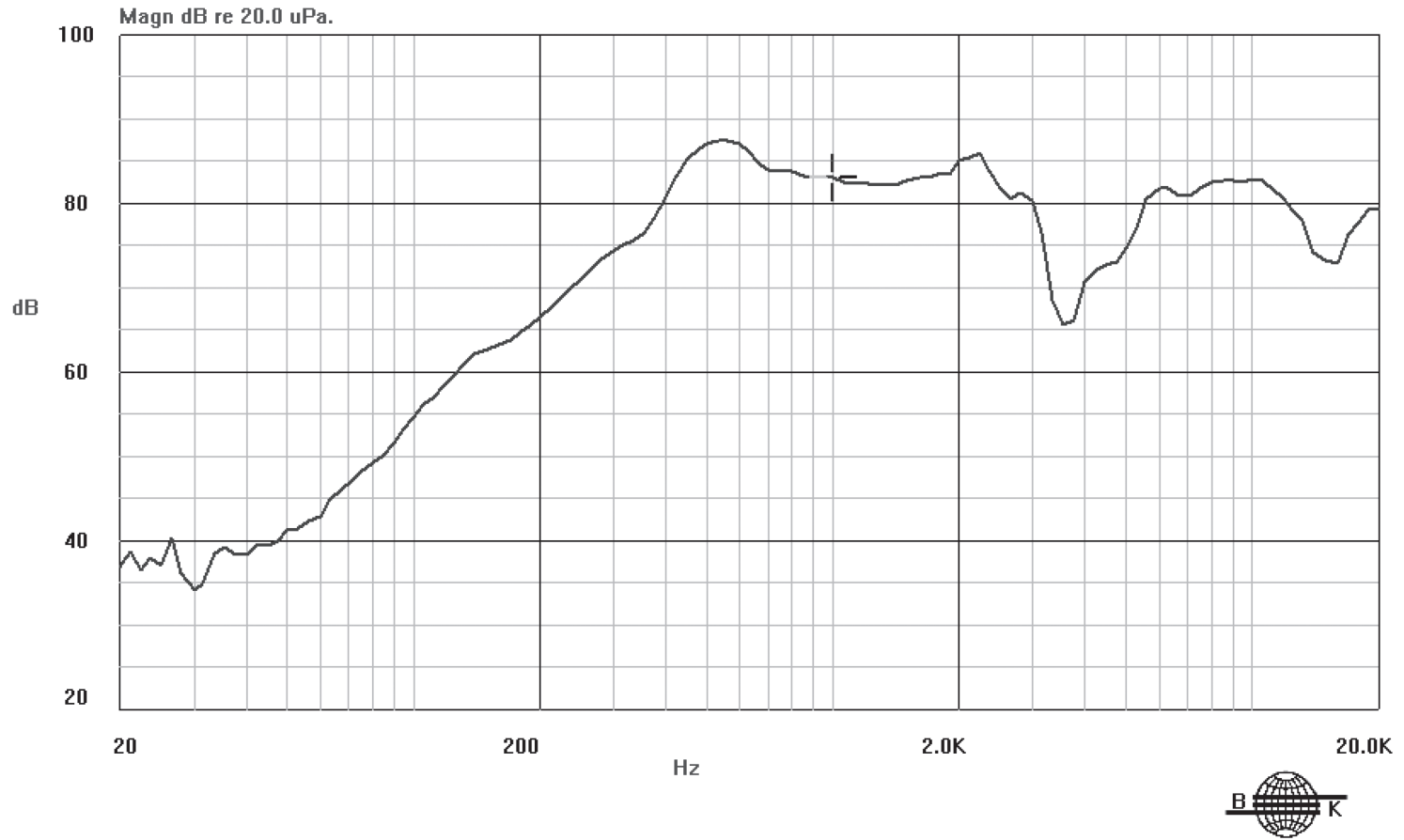
units: mm  
tolerance:  $\pm 0.2$  mm



RESPONSE CURVES

Frequency Response Curve

Test Conditions: 2.83 V / 50 cm



REVISION HISTORY

| rev. | description                       | date       |
|------|-----------------------------------|------------|
| 1.0  | initial release                   | 07/11/2023 |
| 1.01 | CUI Devices rebranded to Same Sky | 09/11/2024 |

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



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

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Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

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