



MODEL:

CMS-3005-28SP

|

DESCRIPTION:

SPEAKER

FEATURES

- 8 ohm
- rated 2.0 W
- solder pads



SPECIFICATIONS

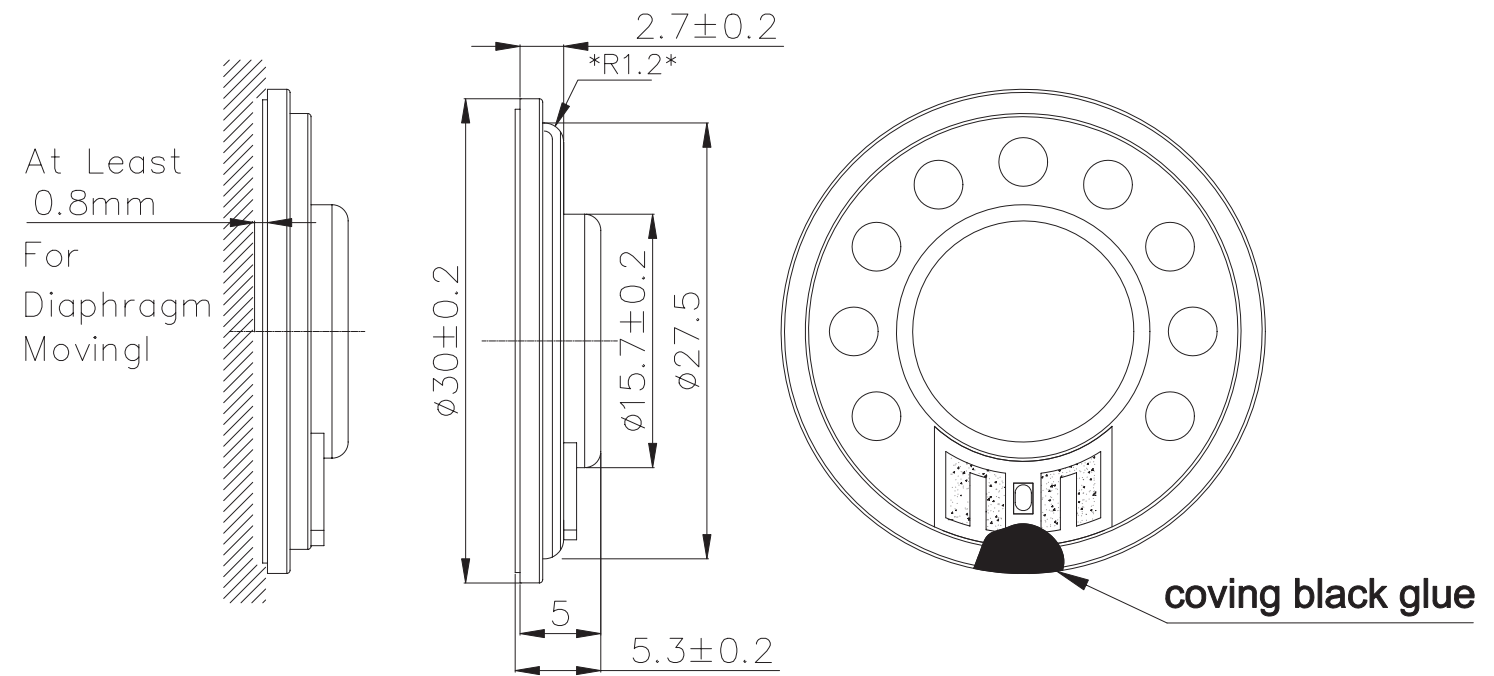
| parameter               | conditions/description                                    | min | typ | max   | units              |
|-------------------------|-----------------------------------------------------------|-----|-----|-------|--------------------|
| input power             |                                                           |     | 2   | 2.5   | W                  |
| impedance               |                                                           | 6.8 | 8   | 9.2   | $\Omega$           |
| resonant frequency [Fo] |                                                           | 600 | 750 | 900   | Hz                 |
| frequency response      |                                                           | Fo  |     | 6,000 | Hz                 |
| sound pressure level    | at 1.0 W, 50 cm, avg 0.8, 1.0, 1.2, 1.5 kHz on baffle     | 83  | 86  | 89    | dB                 |
| distortion              | at 1.0 kHz, 0.5 W, 50 cm on baffle                        |     |     | 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              | $\varnothing 30 \times 5.3$                               |     |     |       | mm                 |
| magnet                  | Nd-Fe-B                                                   |     |     |       |                    |
| frame material          | iron                                                      |     |     |       |                    |
| cone material           | PEI                                                       |     |     |       |                    |
| terminal                | solder pads                                               |     |     |       |                    |
| weight                  |                                                           |     | 7   |       | 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**

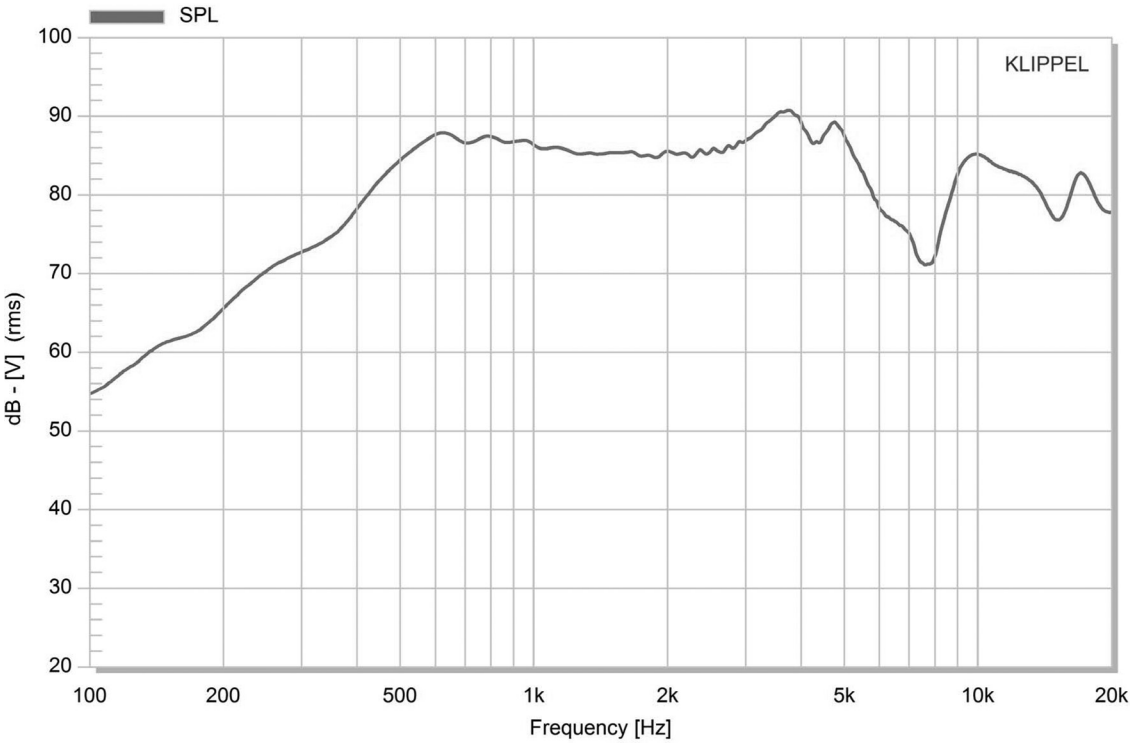
units: mm  
tolerance:  $\pm 0.2$  mm



RESPONSE CURVES

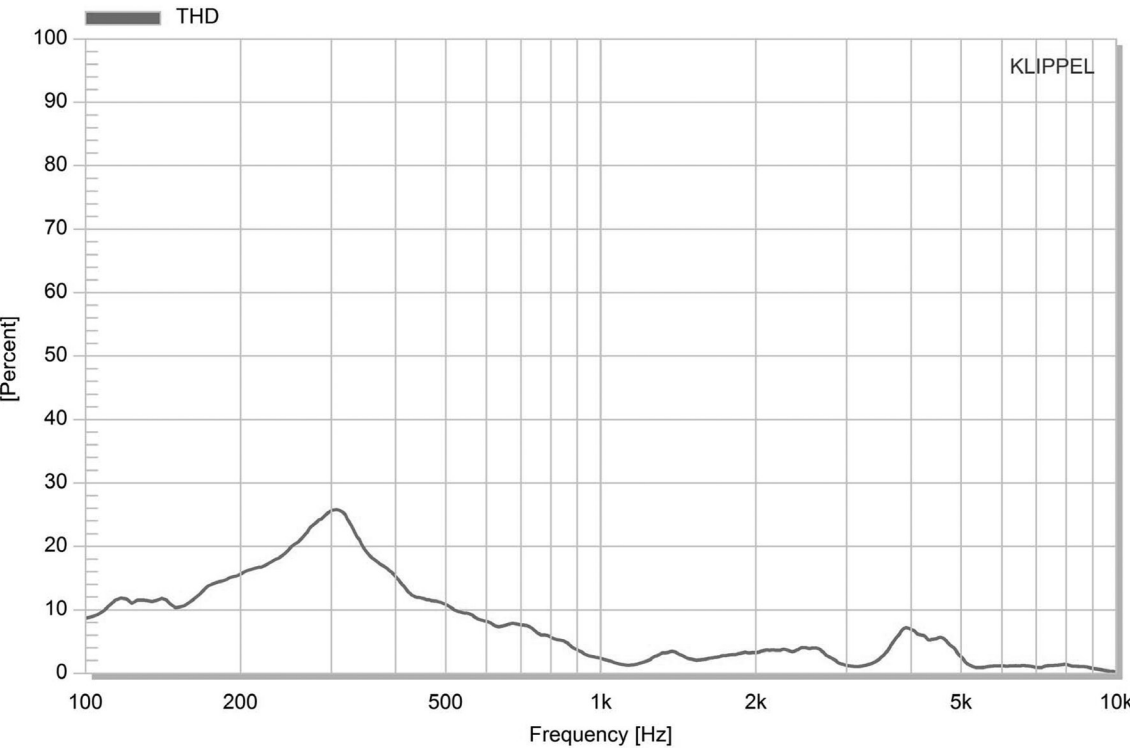
Frequency Response Curve

Test Conditions: 1.0 W / 50 cm



Total Harmonic Distortion Curve

Test Conditions: 1.0 W / 50 cm



REVISION HISTORY

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