

**MODEL:** CMSM-2811-24 | **DESCRIPTION:** SPEAKER**FEATURES**

- compatible with IEC 60601 applications
- frame includes mounting holes
- 93 dB @ 2 W/0.1 m

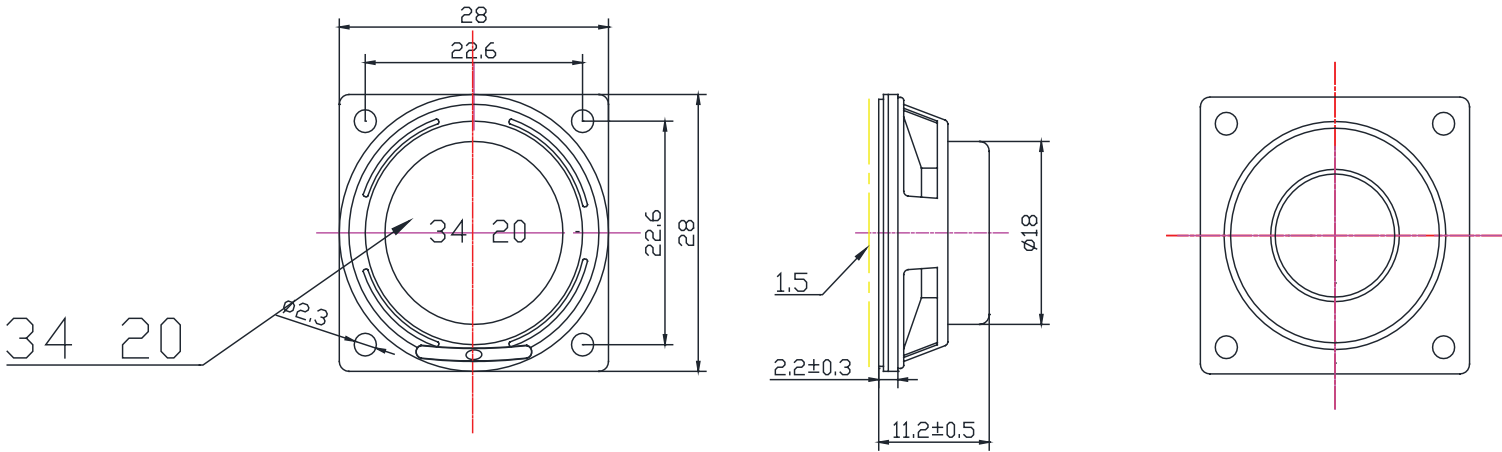
**SPECIFICATIONS**

| parameter | conditions/description | min | typ | max | units |
|-------------------------|--|-----|------|--------|--------------------|
| input power | max power: IEC-60268-5, filter 50 s on/120 s off, 10 cycles at room temp | | 2.0 | 3.0 | W |
| impedance | at 2.0 kHz, 1.0 V | 3.4 | 4 | 4.6 | Ω |
| resonant frequency (Fo) | at 1.0 V | 320 | 400 | 480 | Hz |
| frequency response | | Fo | | 20,000 | Hz |
| sound pressure level | at 2.0 W, 0.1 m, avg at 0.8, 1.0, 1.2, 1.5 kHz | 90 | 93 | 96 | dB |
| distortion | at 1.0 kHz, rated power | | | 10 | % |
| buzz, rattle, etc. | must be normal at sine wave, frequency range Fo~5 kHz | | | 2.83 | V |
| polarity | cone moves forward w/ positive dc current to "+" terminal | | | | |
| dimensions | 28 x 28 x 11.2 | | | | mm |
| magnet | Nd-Fe-B | | | | |
| frame material | SPCC | | | | |
| cone material | Pu+paper | | | | |
| terminal | solder eyelets | | | | |
| weight | | | 10.3 | | g |
| operating temperature | | -25 | | 60 | $^{\circ}\text{C}$ |
| storage temperature | | -25 | | 60 | $^{\circ}\text{C}$ |
| hand soldering | for maximum 3 seconds | 370 | 380 | 390 | $^{\circ}\text{C}$ |
| RoHS | yes | | | | |

Notes: 1. All specifications measured at 15~35 $^{\circ}\text{C}$, humidity at 45~85%, under 86~106 kPa pressure, unless otherwise noted.

MECHANICAL DRAWING

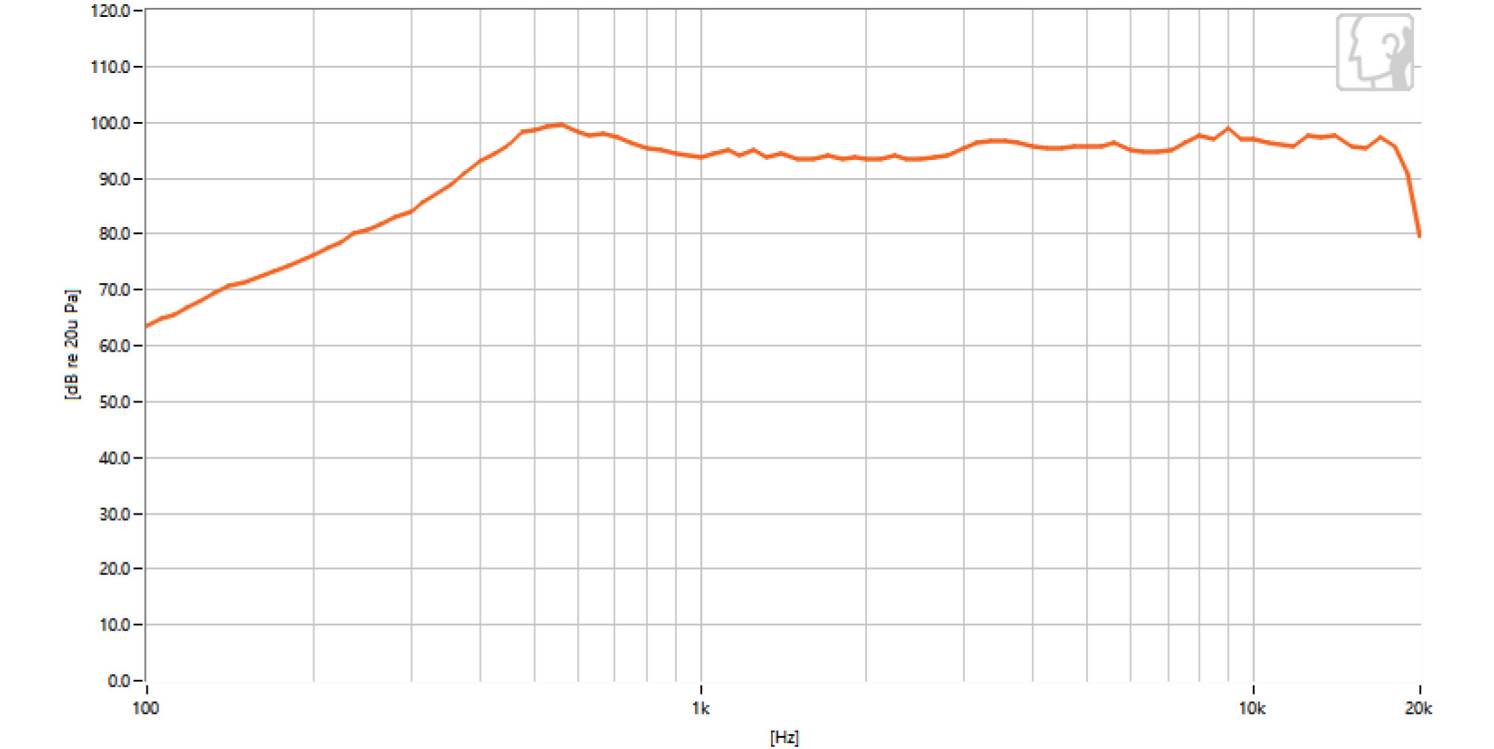
units: mm
tolerance: ±0.5 mm



RESPONSE CURVES

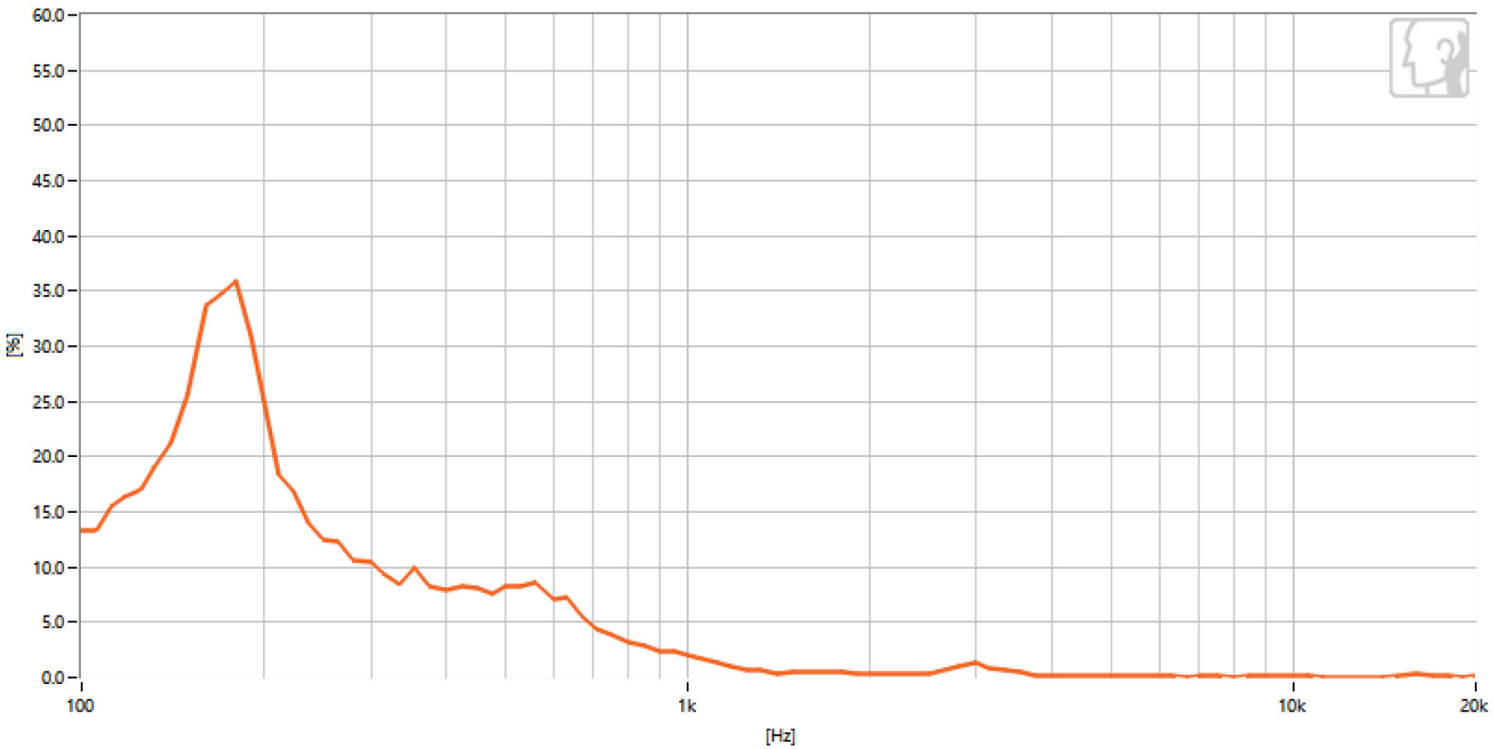
Frequency Response Curve

Test Conditions: 2.0 W / 0.1 m



Total Harmonic Distortion Curve

Test Conditions: 2.0 W / 0.1 m



REVISION HISTORY

| rev. | description | date |
|------|-----------------------------------|------------|
| 1.0 | initial release | 01/03/2024 |
| 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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