



MODEL: CMS-2511-34SP | DESCRIPTION: SPEAKER

FEATURES

- 4 ohm
- rated 3.0 W
- solder pads



SPECIFICATIONS

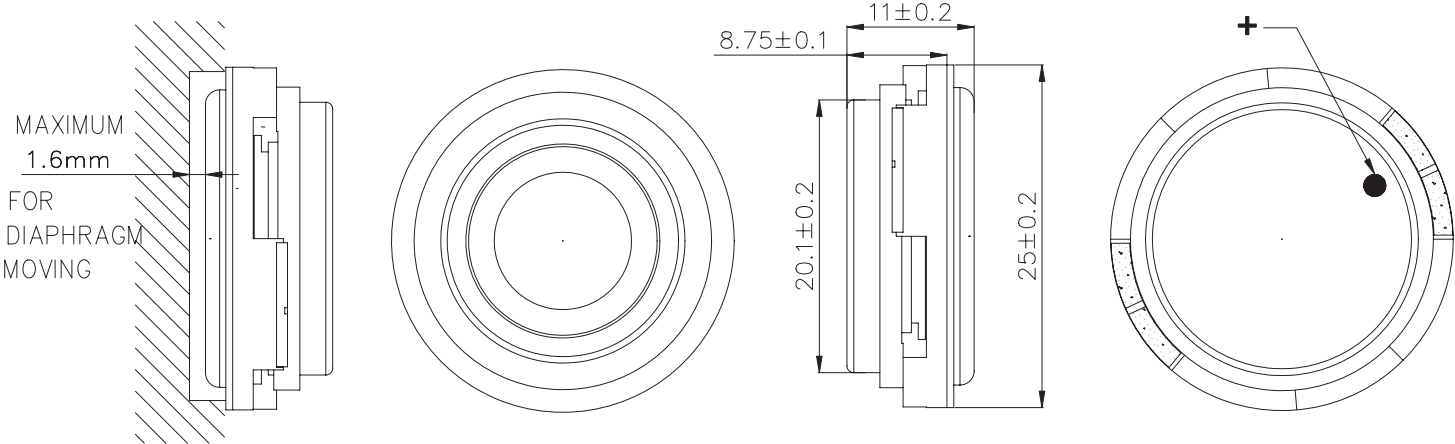
| parameter | conditions/description | min | typ | max | units |
|-------------------------|---|-----|------|--------|--------------------|
| input power | | | 3 | 3.5 | W |
| impedance | | 3.4 | 4 | 4.6 | Ω |
| resonant frequency (Fo) | | 200 | 250 | 300 | Hz |
| frequency response | | Fo | | 20,000 | Hz |
| sound pressure level | at 1.0 W, 50 cm, avg 0.8, 1.0, 1.2, 1.5 kHz | 79 | 82 | 85 | dB |
| distortion | at 1.0 kHz, 1.0 W, 50 cm | | | 5 | % |
| buzz, rattle, etc. | must be normal at sine wave, frequency range | | | 3.46 | V |
| polarity | cone moves forward w/ positive dc current to "+" terminal | | | | |
| dimensions | $\varnothing 25 \times 11$ | | | | mm |
| magnet | Nd-Fe-B | | | | |
| frame material | PBT + 15% GF | | | | |
| cone material | aluminum | | | | |
| terminal | solder pads | | | | |
| weight | | | 10.4 | | 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°C, humidity at 25~75%, unless otherwise noted.

MECHANICAL DRAWING

units: mm
tolerance: ± 0.2 mm

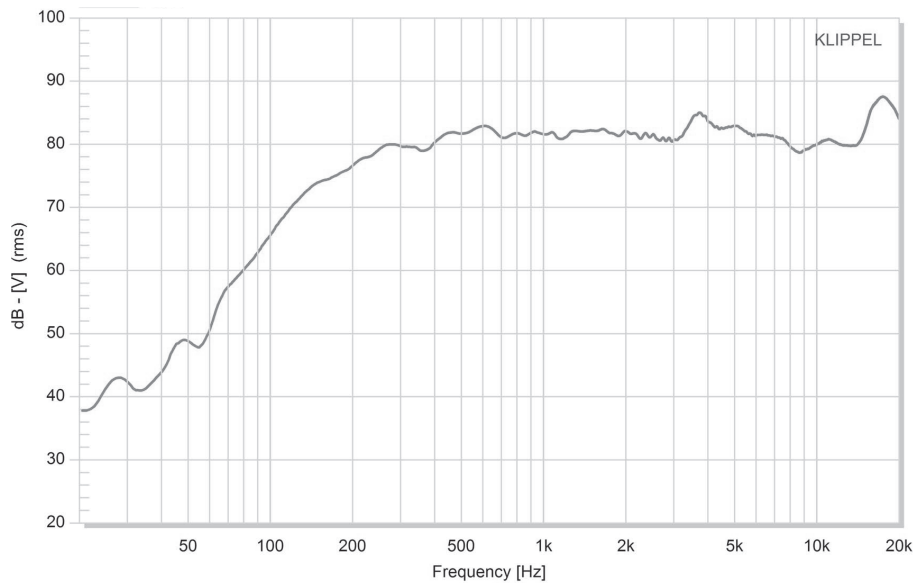
MOUNTING NOTICE



RESPONSE CURVES

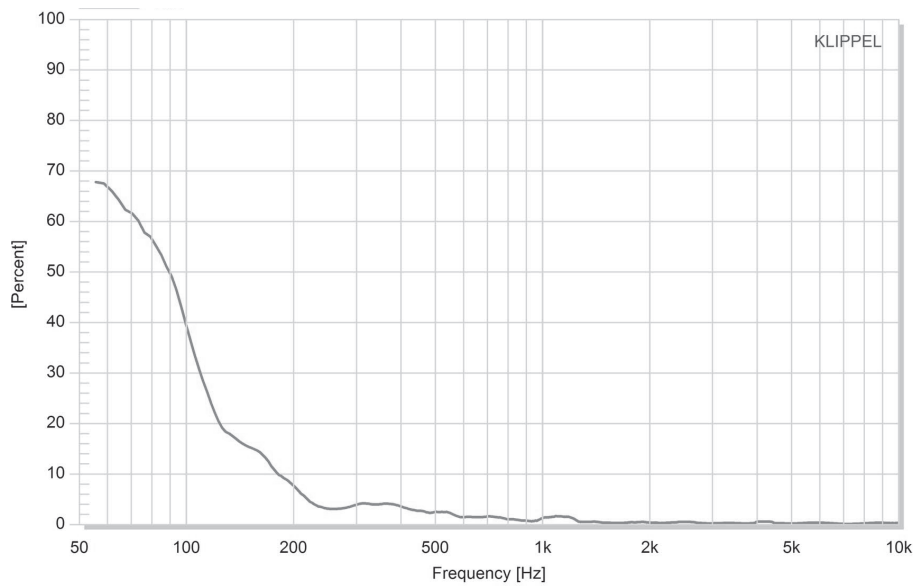
Frequency Response Curve

Test Conditions: 1.0 W / 50 cm on baffle



Total Harmonic Distortion Curve

Test Conditions: 1.0 W / 50 cm on baffle



THIELE-SMALL PARAMETERS

| parameter | conditions/description | typ |
|------------------------------|------------------------|--------|
| Mechanical Q Factor | Qms | 3.193 |
| Electrical Q Factor | Qes | 1.424 |
| Total Q Factor | Qts | 0.985 |
| Compliance Equivalent Volume | Vas | 0.0052 |

Notes: 2. Results represent typical performance in Free Air conditions.

REVISION HISTORY

| rev. | description | date |
|------|-----------------------------------|------------|
| 1.0 | initial release | 07/11/2023 |
| 1.01 | CUI Devices rebranded to Same Sky | 09/11/2024 |
| 1.02 | added Thiele-Small Parameters | 01/30/2025 |

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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