



MODEL: CMR-2353-2032SP | DESCRIPTION: RECEIVER

FEATURES

- dynamic receiver
- solder pads



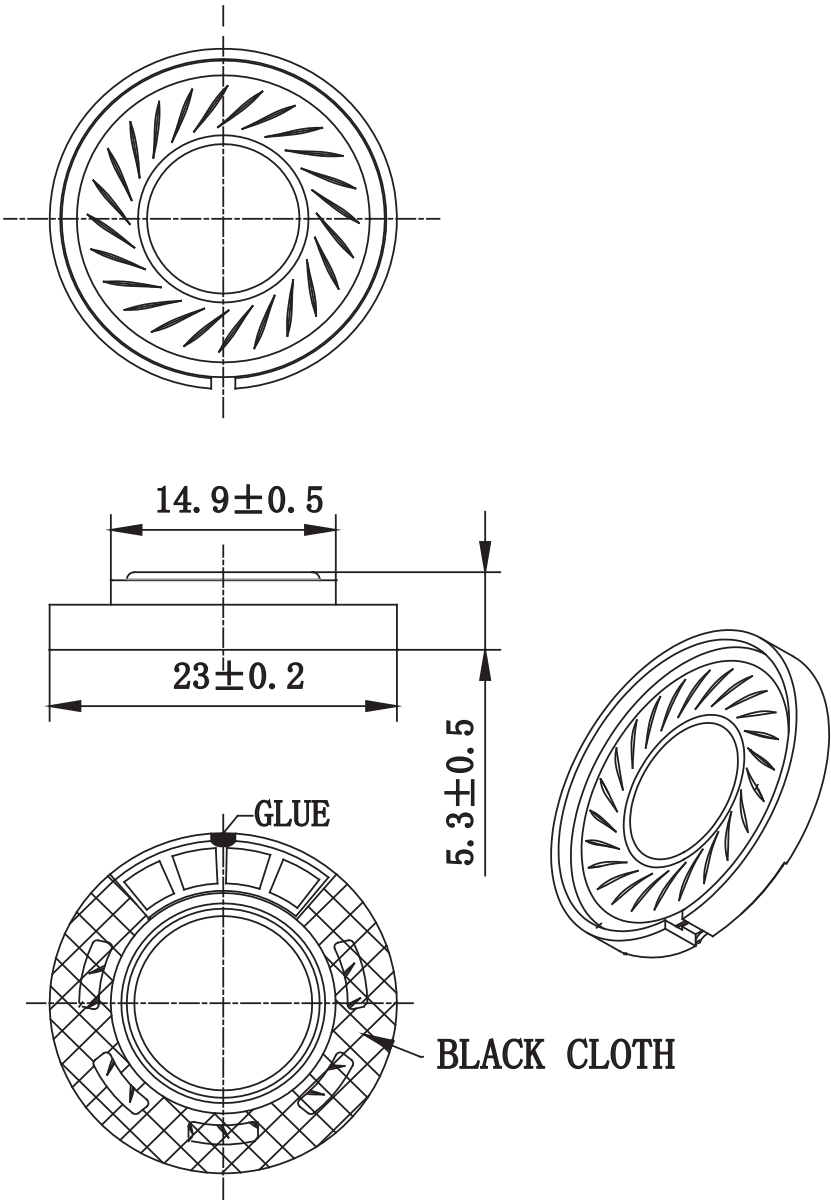
SPECIFICATIONS

| parameter | conditions/description | min | typ | max | units |
|-------------------------|--|------|-----|-------|----------|
| input power | max power: 1 minute on, 2 minutes off, 10 cycles | | 20 | 30 | mW |
| impedance | at 1.0 kHz, 1 mW | 25.6 | 32 | 38.4 | Ω |
| resonant frequency (Fo) | at 0.179 V, 1 mW in free air, 24~27°C (for reference only) | 352 | 440 | 528 | Hz |
| frequency response | | 20 | | 3,400 | Hz |
| sound pressure level | at 1 mW, 1.0 kHz, with IEC318 coupler | 119 | 122 | 125 | dB |
| | at 20 mW, 1.0 kHz, with IEC318 coupler | 132 | 135 | 138 | dB |
| distortion | see THD curve | | | | |
| buzz, rattle, etc. | must be normal at sine wave, 20 Hz~3.5 kHz | | | 0.8 | V |
| polarity | cone moves forward w/ positive dc current to "+" terminal | | | | |
| dimensions | Ø23 x 5.3 | | | | mm |
| magnet | Nd-Fe-B | | | | |
| frame material | ABS | | | | |
| cone material | PET | | | | |
| terminal | solder pads | | | | |
| weight | | | 3.3 | | g |
| operating temperature | | -20 | | 60 | °C |
| storage temperature | | -20 | | 60 | °C |
| hand soldering | for 3~5 seconds | 370 | 380 | 390 | °C |
| RoHS | yes | | | | |

Notes: 1. All specifications measured at 15~35°C, humidity at 45~85%, under 86~106 kPa pressure, unless otherwise noted.

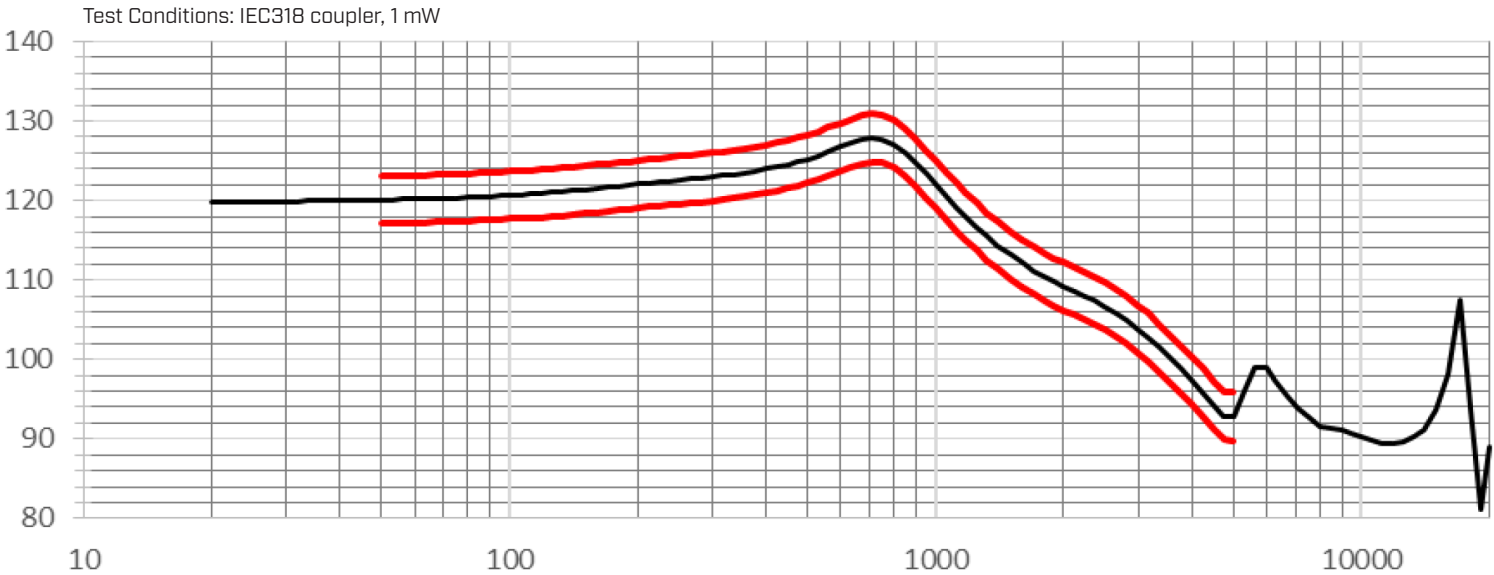
MECHANICAL DRAWING

units: mm
tolerance: ± 0.5 mm

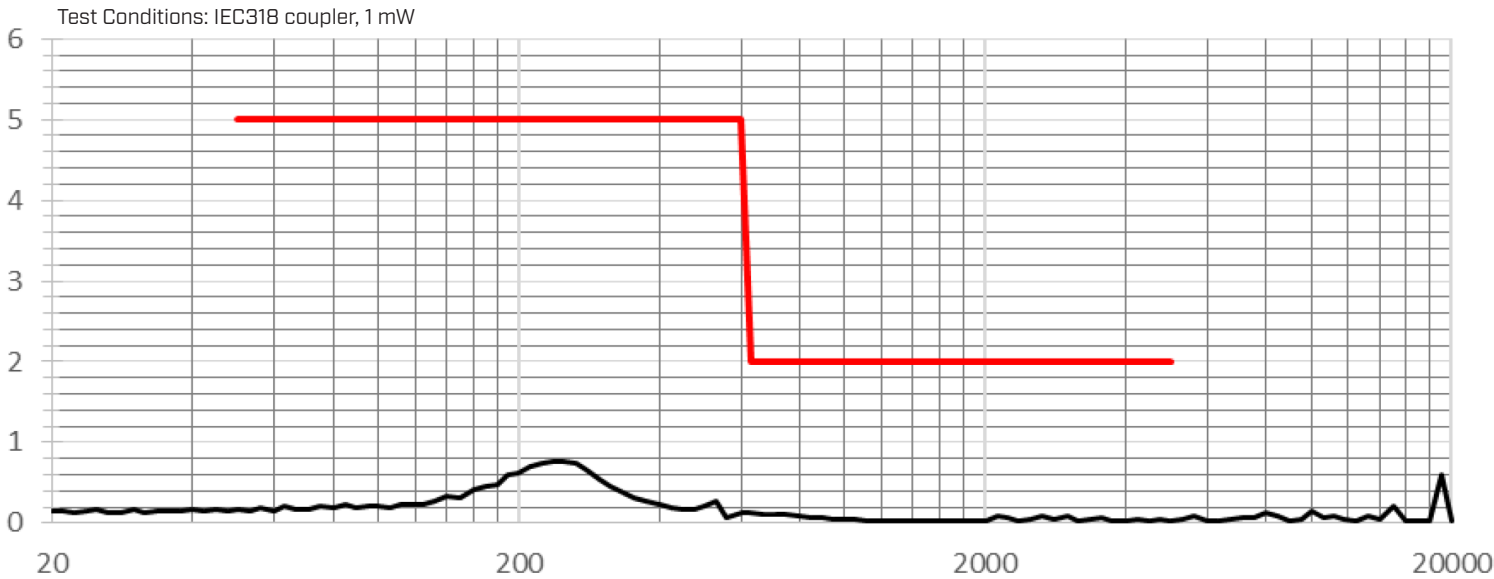


RESPONSE CURVES

Frequency Response Curve



Total Harmonic Distortion Curve



REVISION HISTORY

| rev. | description | date |
|------|-----------------------------------|------------|
| 1.0 | initial release | 12/20/2023 |
| 1.01 | updated datasheet | 05/20/2024 |
| 1.02 | CUI Devices rebranded to Same Sky | 09/12/2024 |

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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