

**MODEL:** CDS-5717-44E | **DESCRIPTION:** SPEAKER**FEATURES**

- 4 ohm
- rated 4.0 W
- solder eyelets

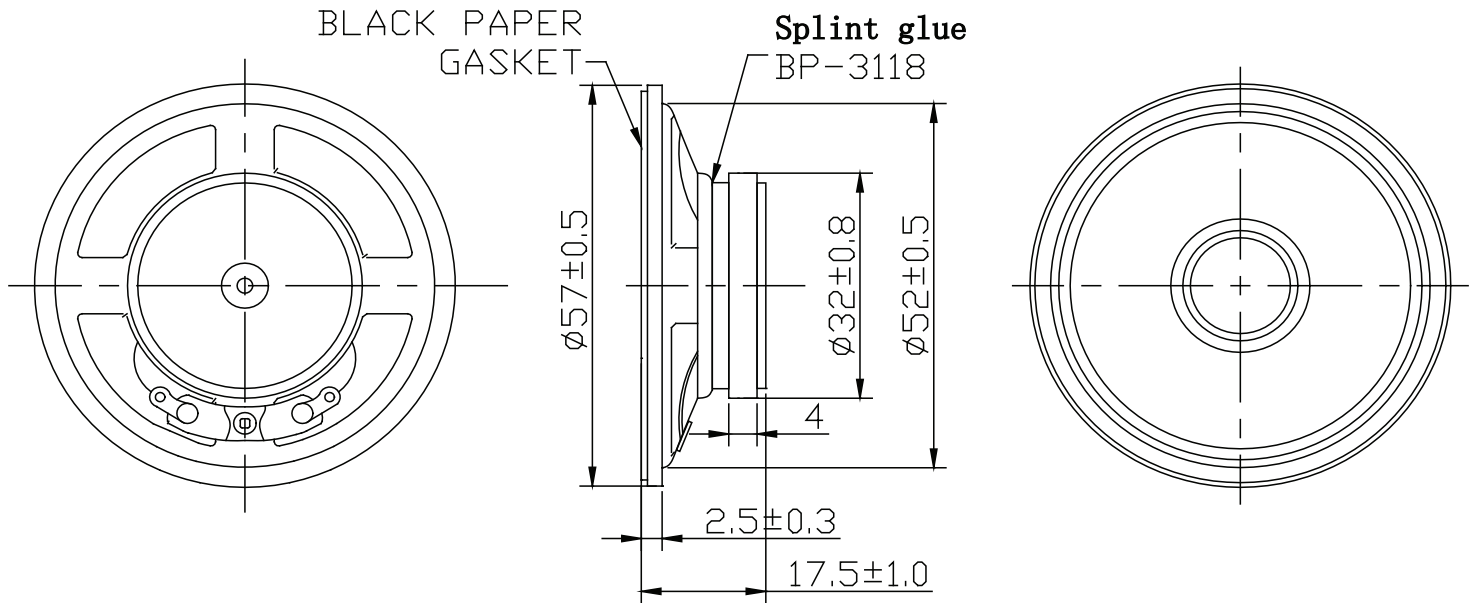
**SPECIFICATIONS**

| parameter               | conditions/description                                    | min | typ | max   | units    |
|-------------------------|-----------------------------------------------------------|-----|-----|-------|----------|
| input power             | max power: 1 minute on, 2 minutes off, 10 cycles          |     | 4.0 | 4.5   | W        |
| impedance               | at 1 kHz, 1.0 V                                           | 3.4 | 4   | 4.6   | $\Omega$ |
| resonant frequency (Fo) | at 1.0 V                                                  | 440 | 550 | 660   | Hz       |
| frequency response      |                                                           | Fo  |     | 4,500 | Hz       |
| sound pressure level    | at 1.0 W, 0.5 m, avg at 0.8, 1.0, 1.2, 1.5 kHz            | 91  | 94  | 97    | dB       |
|                         | at 4.0 W, 0.5 m, avg at 0.8, 1.0, 1.2, 1.5 kHz            | 95  | 98  | 101   | dB       |
| distortion              | at 1.0 W, 1.0 kHz                                         |     |     | 5     | %        |
| buzz, rattle, etc.      | must be normal at sine wave, Fo Hz~4.5 kHz                |     |     | 4.0   | V        |
| polarity                | cone moves forward w/ positive dc current to "+" terminal |     |     |       |          |
| dimensions              | Ø57 x 17.5                                                |     |     |       | mm       |
| magnet                  | Nd-Fe-B                                                   |     |     |       |          |
| frame material          | SPCC                                                      |     |     |       |          |
| cone material           | PET (black)                                               |     |     |       |          |
| terminal                | solder eyelets                                            |     |     |       |          |
| weight                  |                                                           |     | 57  |       | g        |
| operating temperature   |                                                           | -20 |     | 60    | °C       |
| storage temperature     |                                                           | -30 |     | 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

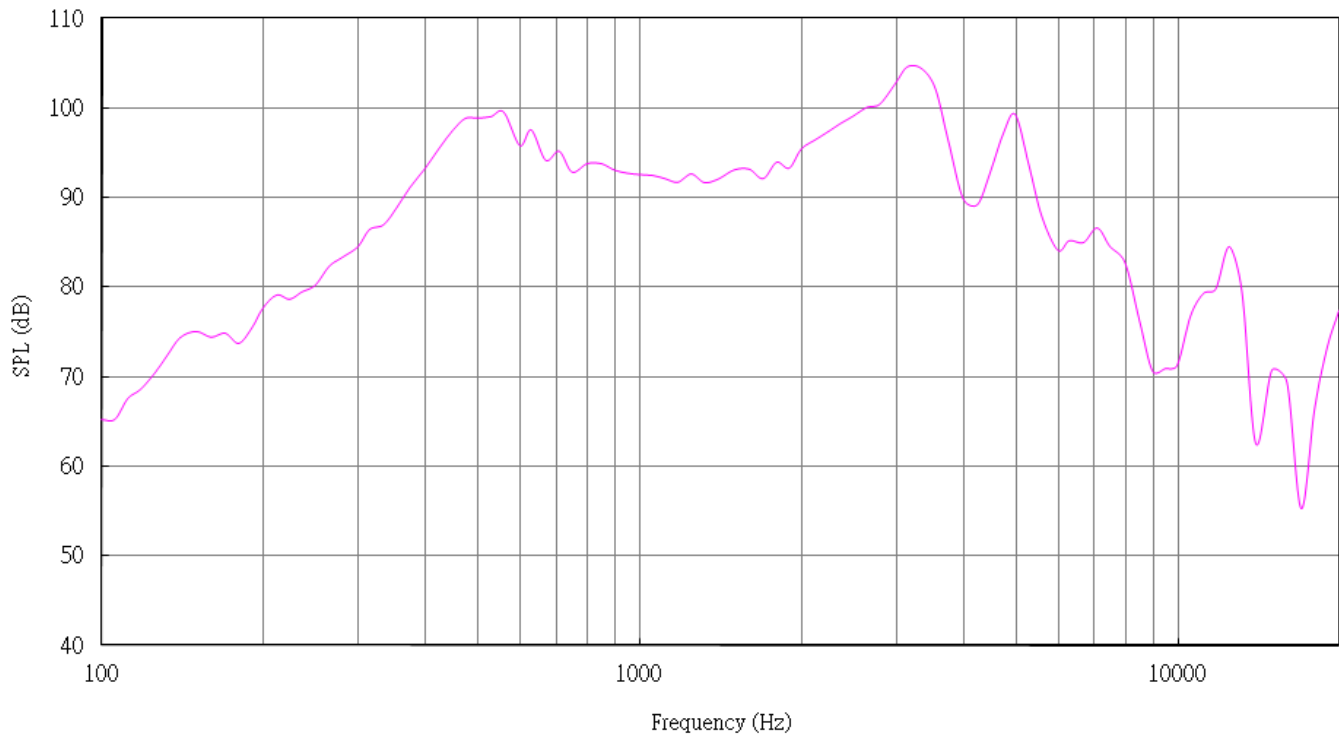
units: mm  
tolerance:  $\pm 0.3$  mm



## RESPONSE CURVES

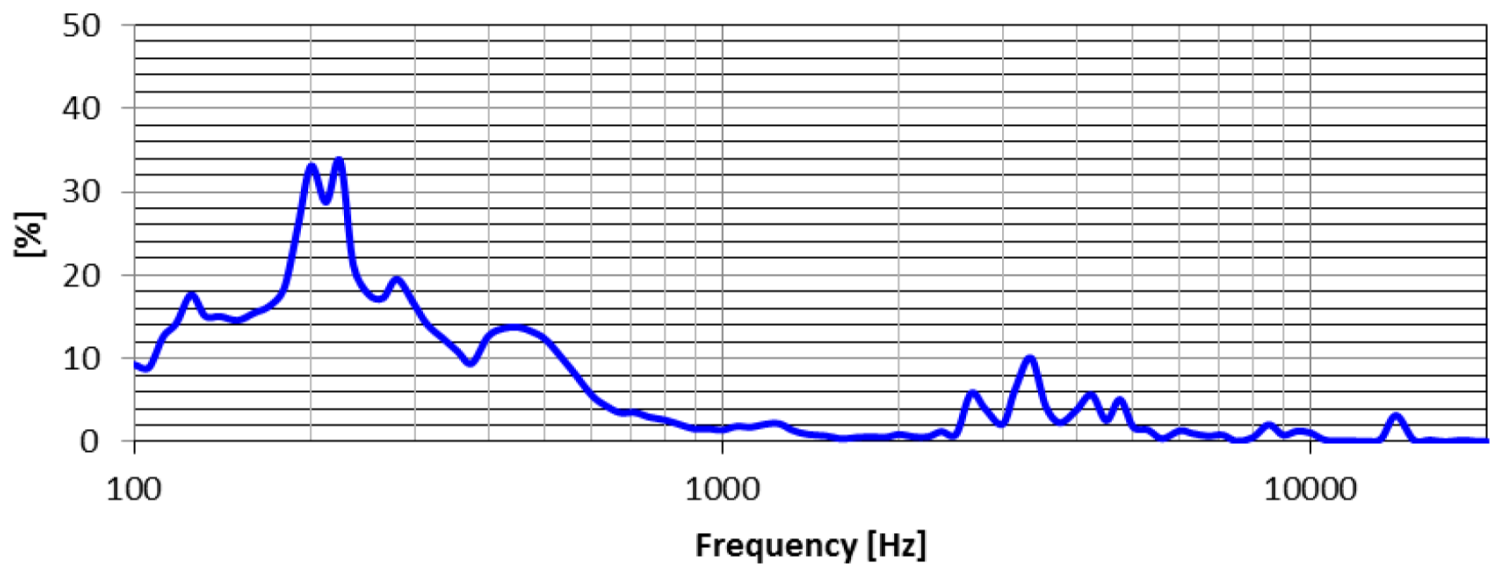
### Frequency Response Curve

Test Conditions: 1.0 W / 0.5 m



### Total Harmonic Distortion Curve

Test Conditions: 1.0 W / 0.5 m



REVISION HISTORY

| rev. | description                       | date       |
|------|-----------------------------------|------------|
| 1.0  | initial release                   | 12/07/2023 |
| 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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