


**MODEL:** CMS-3047-18L300 | **DESCRIPTION:** SPEAKER

**FEATURES**

- 8 ohm
- rated 1.0 W
- lead wire


**SPECIFICATIONS**

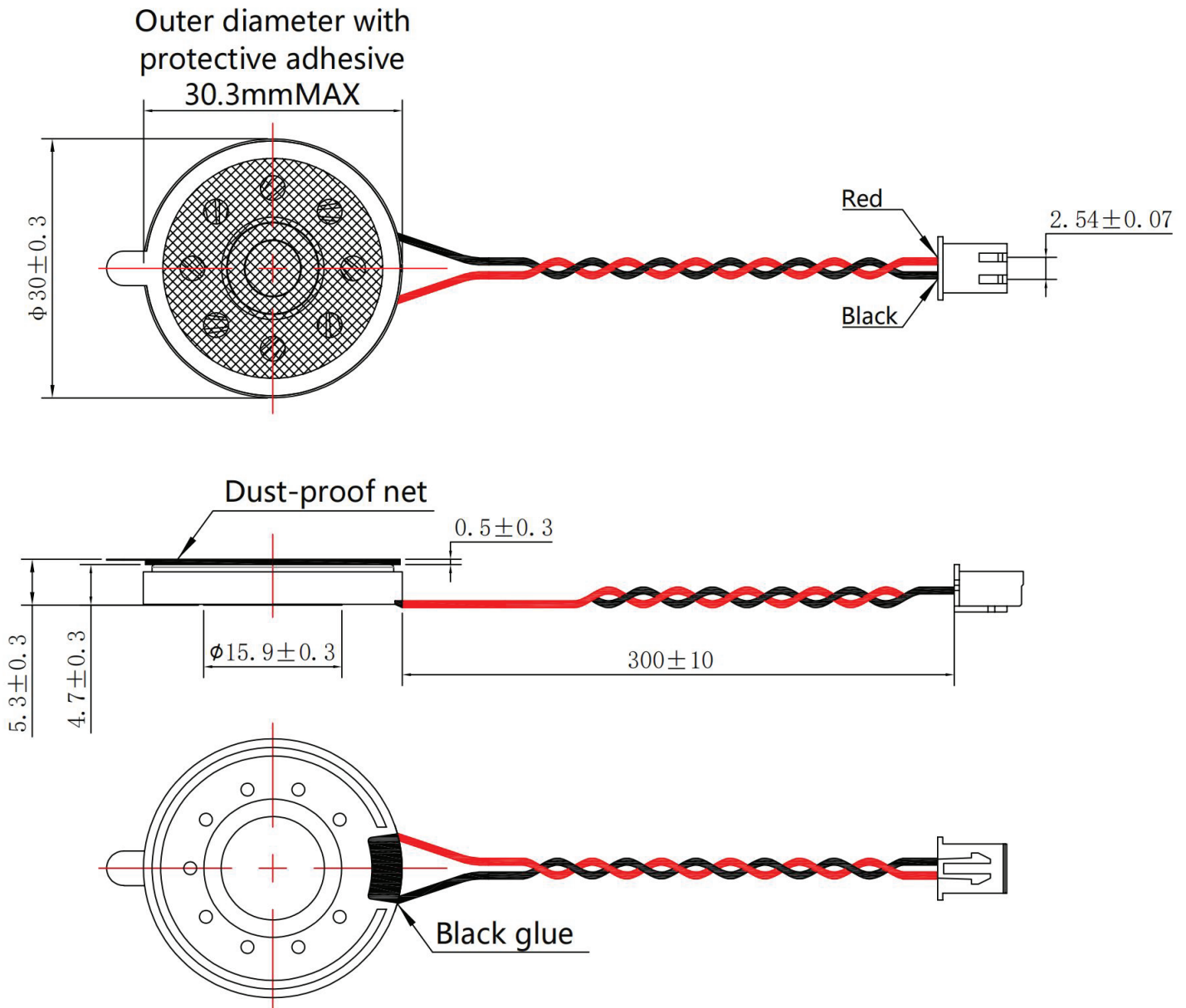
| parameter               | conditions/description                                    | min          | typ          | max          | units                |
|-------------------------|---|--------------|--------------|--------------|----------------------|
| input power             |   |              | 1.0          | 1.2          | W                    |
| impedance               | DCR<br>at 2.0 kHz, 1.0 W                                  | 6.46<br>6.80 | 7.60<br>8.00 | 8.74<br>9.20 | $\Omega$<br>$\Omega$ |
| resonant frequency (Fo) | at 2.83 V   | 480          | 600          | 720          | Hz                   |
| frequency response      |   | Fo           |              | 6,000        | Hz                   |
| sound pressure level    | at 1.0 W, 10 cm, avg at 1.0, 1.6, 2.0 kHz                 | 94           | 97           | 100          | dB                   |
| distortion              | at 1.0 kHz, rated power, 10 cm                            |              |              | 15           | %                    |
| buzz, rattle, etc.      | must be normal at sine wave, from 300 to 5 kHz            |              |              | 2.83         | V                    |
| polarity                | cone moves forward w/ positive dc current to "+" terminal |              |              |              |                      |
| dimensions              | $\varnothing$ 30.0 x 4.7                                  |              |              |              | mm                   |
| magnet                  | Nd-Fe-B   |              |              |              |                      |
| frame material          | ABS + SPCC  |              |              |              |                      |
| cone material           | PET   |              |              |              |                      |
| terminal                | wire leads with connector                                 |              |              |              |                      |
| weight                  |   | 4.32         | 4.80         | 5.28         | g                    |
| operating temperature   |   | -25          |              | 65           | $^{\circ}$ C         |
| storage temperature     |   | -25          |              | 65           | $^{\circ}$ C         |
| RoHS                    | yes   |              |              |              |                      |

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

## MECHANICAL DRAWING

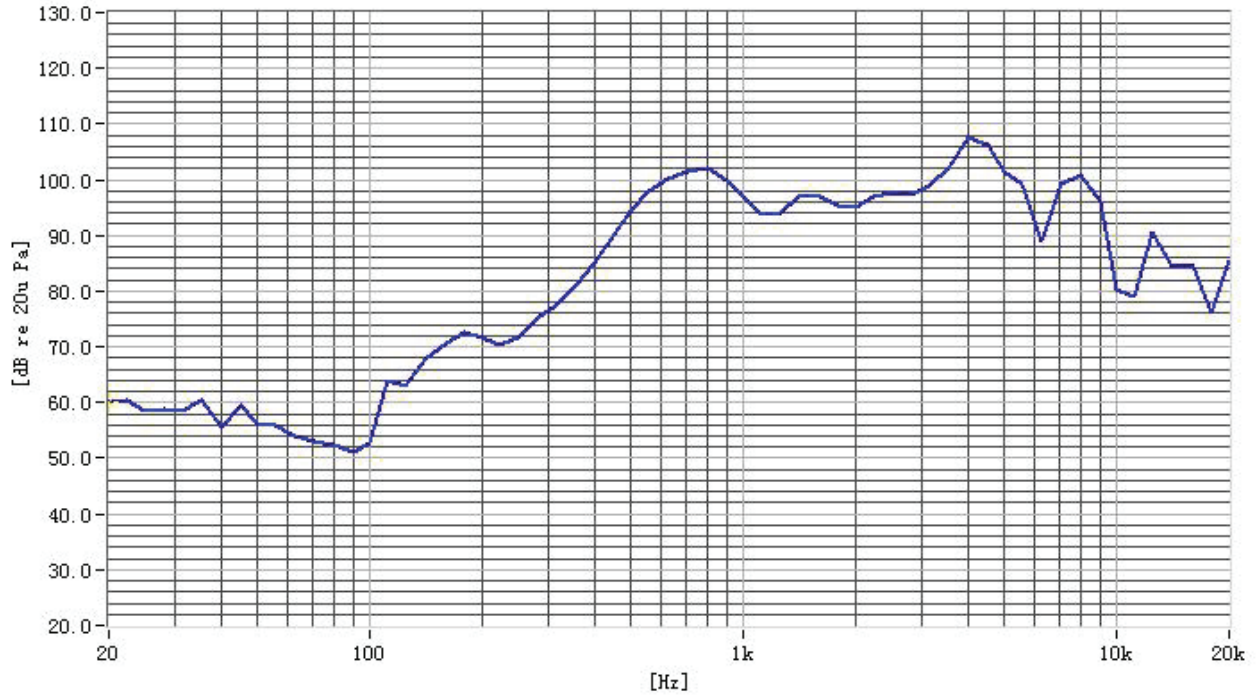
units: mm  
tolerance:  $\pm 0.3$  mm

wire: UL1571 28 AWG  
connector: Zhenliang Electronic XH-2Y  
mating connector: Zhenliang Electronic XH-2A

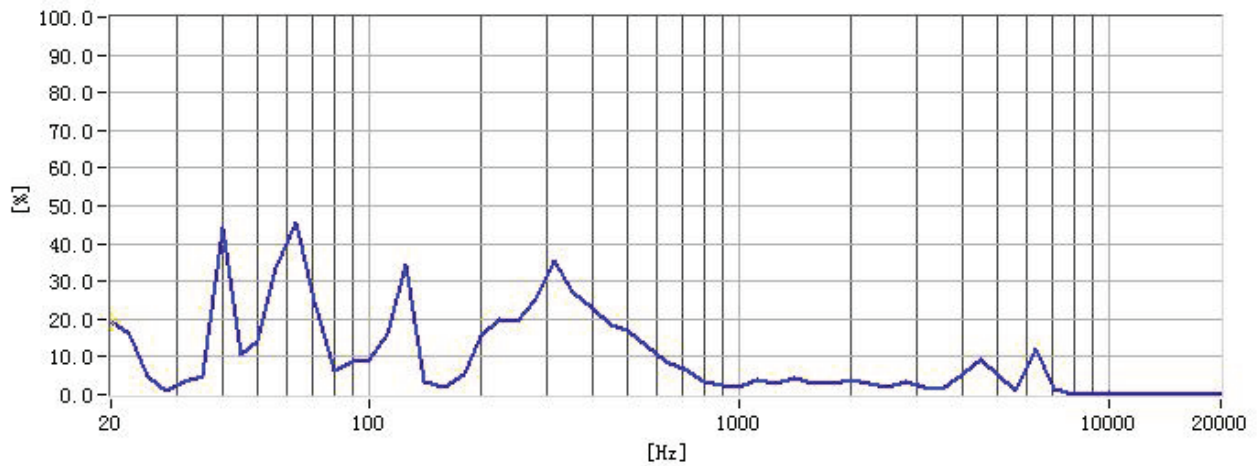


## RESPONSE CURVES

### Frequency Response Curve



### Total Harmonic Distortion Curve



## REVISION HISTORY

| rev. | description                       | date       |
|------|-----------------------------------|------------|
| 1.0  | initial release                   | 06/14/2024 |
| 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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