

**MODEL:** CMS-30205-158L120-67 | **DESCRIPTION:** SPEAKER**FEATURES**

- 8 ohm rated impedance
- 120 mm lead wire
- IP67 rated

**SPECIFICATIONS**

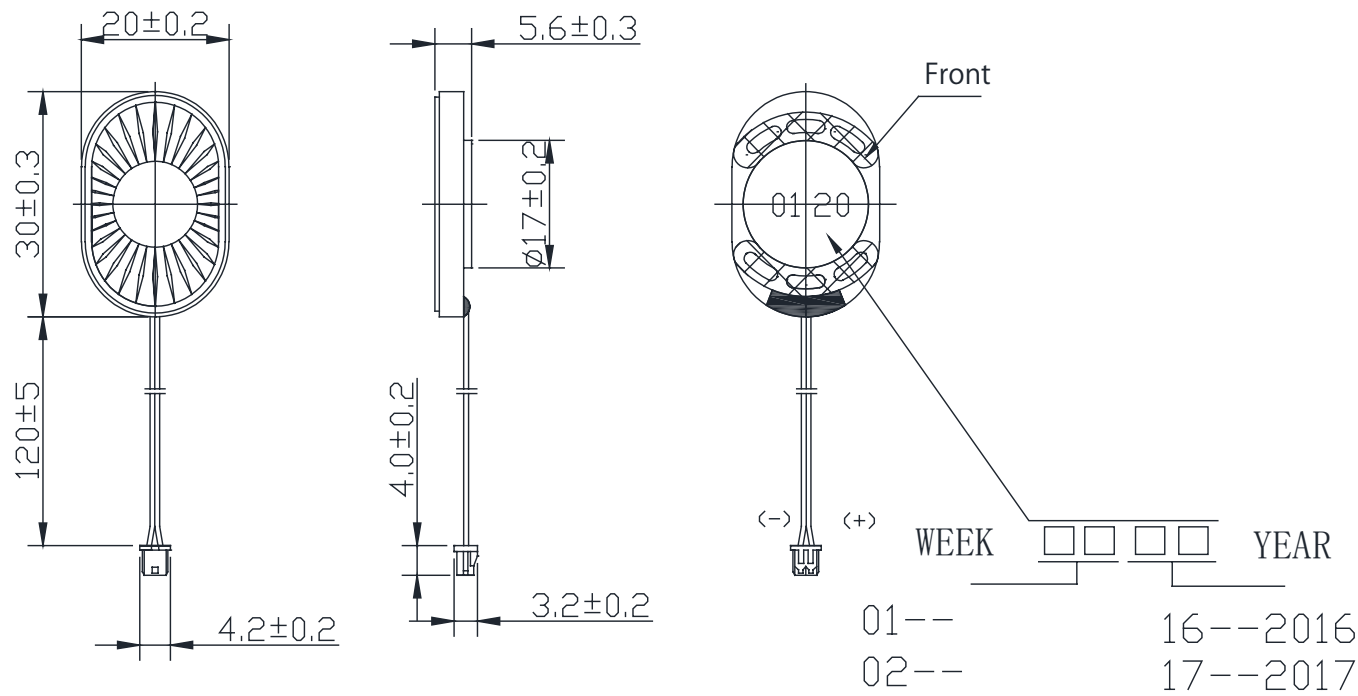
| parameter               | conditions/description                                                               | min | typ | max    | units    |
|-------------------------|--------------------------------------------------------------------------------------|-----|-----|--------|----------|
| input power             | max power: IEC-60268-5, filter 60 seconds on, 120 seconds off, 10 cycles (room temp) |     | 1.5 | 2.0    | W        |
| impedance               | at 3.0 kHz, 1.0 V                                                                    | 6.8 | 8   | 9.2    | $\Omega$ |
| resonant frequency (Fo) | at 1.0 V                                                                             | 720 | 900 | 1,080  | Hz       |
| frequency response      |                                                                                      | Fo  |     | 20,000 | Hz       |
| sound pressure level    | at 1.0 W, 10 cm, avg at 2.0, 3.0, 4.0, 5.0 kHz                                       | 93  | 96  | 99     | dB       |
| distortion              | at 1.0 kHz, 1.0 W                                                                    |     |     | 10     | %        |
| buzz, rattle, etc.      | must be normal at sine wave, Fo~20 kHz                                               |     |     | 3.46   | V        |
| polarity                | cone moves forward w/ positive dc current to "+" terminal                            |     |     |        |          |
| dimensions              | 30.0 x 20 x 5.6                                                                      |     |     |        | mm       |
| magnet                  | Nd-Fe-B                                                                              |     |     |        |          |
| frame material          | PBT                                                                                  |     |     |        |          |
| cone material           | PEN                                                                                  |     |     |        |          |
| terminal                | wire leads with connector                                                            |     |     |        |          |
| weight                  |                                                                                      |     | 4.6 |        | g        |
| operating temperature   |                                                                                      | -40 |     | 70     | °C       |
| storage temperature     |                                                                                      | -40 |     | 85     | °C       |
| RoHS                    | yes                                                                                  |     |     |        |          |
| IP level                | IP67 (front side)                                                                    |     |     |        |          |

Notes: 1. All specifications measured at 5-35°C, humidity at 45-85%, under 86-106 kPa pressure, unless otherwise noted.

MECHANICAL DRAWING

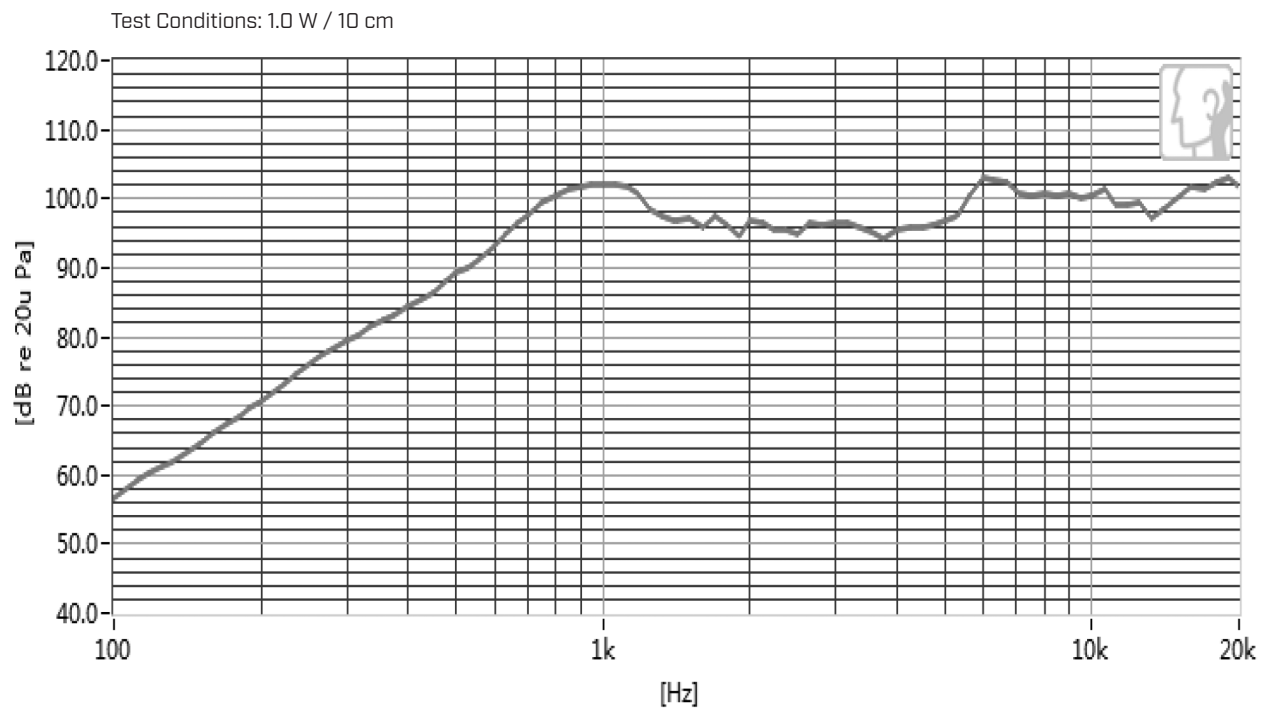
units: mm  
tolerance:  $\pm 0.5$  mm

wire: UL1571 30 AWG  
connector: Molex 51021-0200 or equivalent; P=1.25

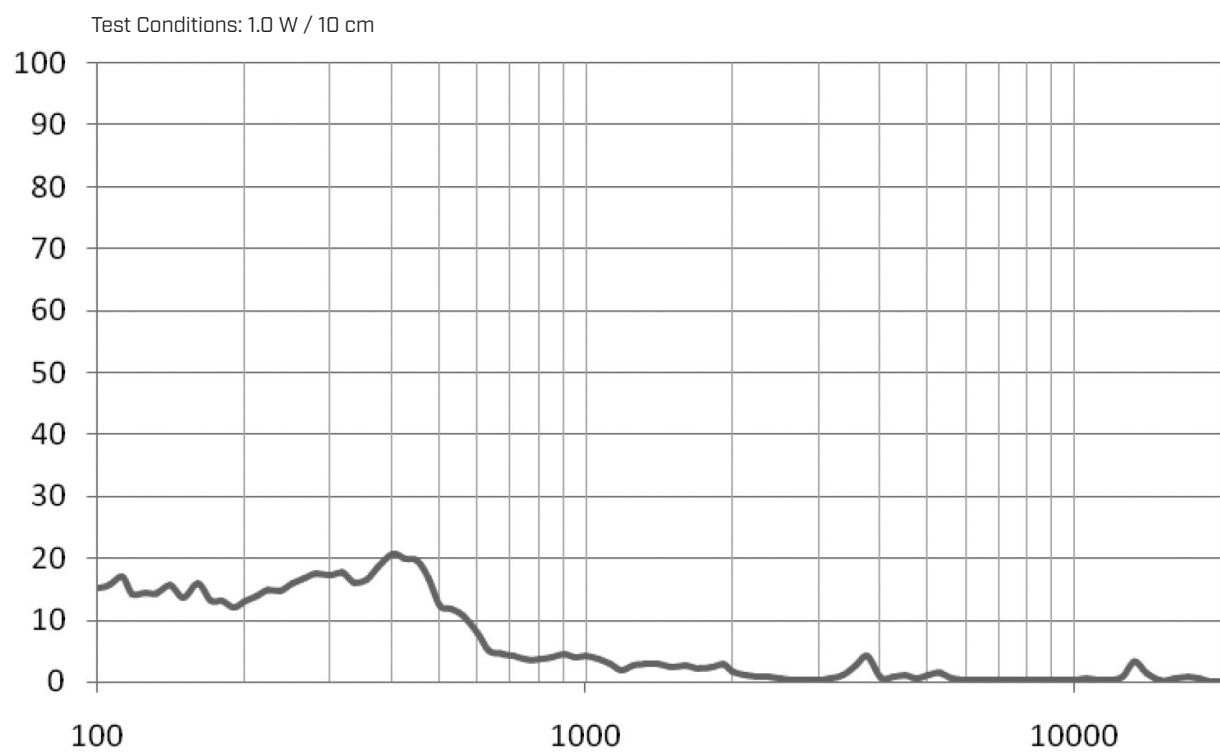


## RESPONSE CURVES

### Frequency Response Curve



### Total Harmonic Distortion Curve



## PACKAGING

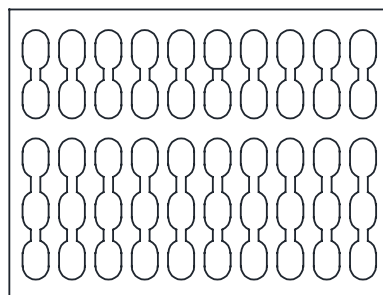
units: mm

Tray Size: 350 x 235 x 13 mm

Tray QTY: 50 pcs per tray

Carton Size: 370 x 280 x 280 mm

Carton QTY: 1,000 pcs per carton

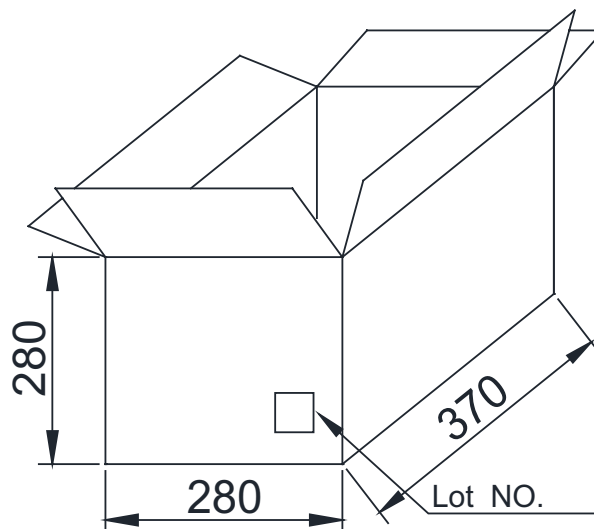
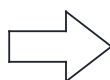
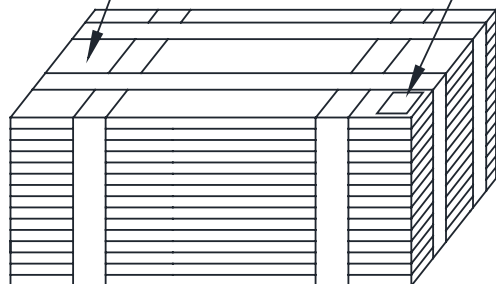


50pcs

|               |                 |
|---------------|-----------------|
| Lot No.       | XXXXXXXXXX      |
| Part No.      | Inv#.<br>Part#. |
| Quantity.     | XXXX Pcs        |
| Date:         | DD MM YY        |
| MADE IN CHINA |                 |

**RoHs Compliant**Put a piece of  
cardboard on top

Lot NO.

 $50\text{pcs} \times 20 = 1000\text{pcs/捆}$

REVISION HISTORY

| rev. | description                       | date       |
|------|-----------------------------------|------------|
| 1.0  | initial release                   | 06/08/2020 |
| 1.01 | logo, datasheet style update      | 08/05/2022 |
| 1.02 | 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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Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

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