

**MODEL:** CSS-10246-304 | **DESCRIPTION:** SPEAKER**FEATURES**

- 10 W rated power
- 4 ohm rated impedance
- 88 dB at 1 W

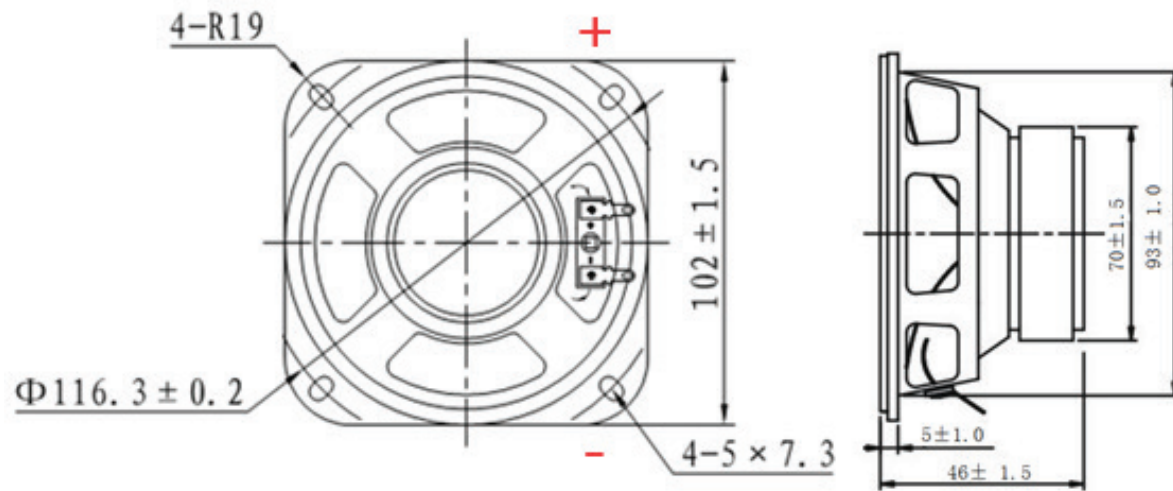
**SPECIFICATIONS**

| parameter               | conditions/description                                          | min | typ  | max    | units    |
|-------------------------|-----------------------------------------------------------------|-----|------|--------|----------|
| input power             |                                                                 |     | 10.0 | 15.0   | W        |
| impedance               | at 1.0 kHz, 1.0 V                                               | 3.4 | 4    | 4.6    | $\Omega$ |
| resonant frequency (Fo) | at 1.0 V                                                        | 88  | 110  | 132    | Hz       |
| frequency response      |                                                                 | Fo  |      | 20,000 | Hz       |
| sound pressure level    | at 1.0 W, 50 cm, avg at 0.4, 0.6, 0.8, 1.0 kHz in baffleboard   | 85  | 88   | 91     | dB       |
|                         | at 10.0 W, 50 cm, avg at 0.4, 0.6, 0.8, 1.0 kHz in baffle-board | 94  | 97   | 100    | dB       |
| distortion              | at 1.0 kHz, 1 W                                                 |     |      | 8      | %        |
| buzz, rattle, etc.      | must be normal at sine wave, frequency range between Fo~2 kHz   |     |      | 6.32   | V        |
| polarity                | cone moves forward w/ positive dc current to "+" terminal       |     |      |        |          |
| dimensions              | 102 x 102 x 46                                                  |     |      |        | mm       |
| magnet                  | ferrite                                                         |     |      |        |          |
| frame material          | SPCC                                                            |     |      |        |          |
| cone material           | PU+paper                                                        |     |      |        |          |
| terminal                | solder terminals                                                |     |      |        |          |
| weight                  |                                                                 | 288 | 320  | 352    | g        |
| operating temperature   |                                                                 | -20 |      | 60     | °C       |
| storage temperature     |                                                                 | -25 |      | 70     | °C       |
| hand soldering          | for maximum 3 seconds                                           |     |      | 380    | °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

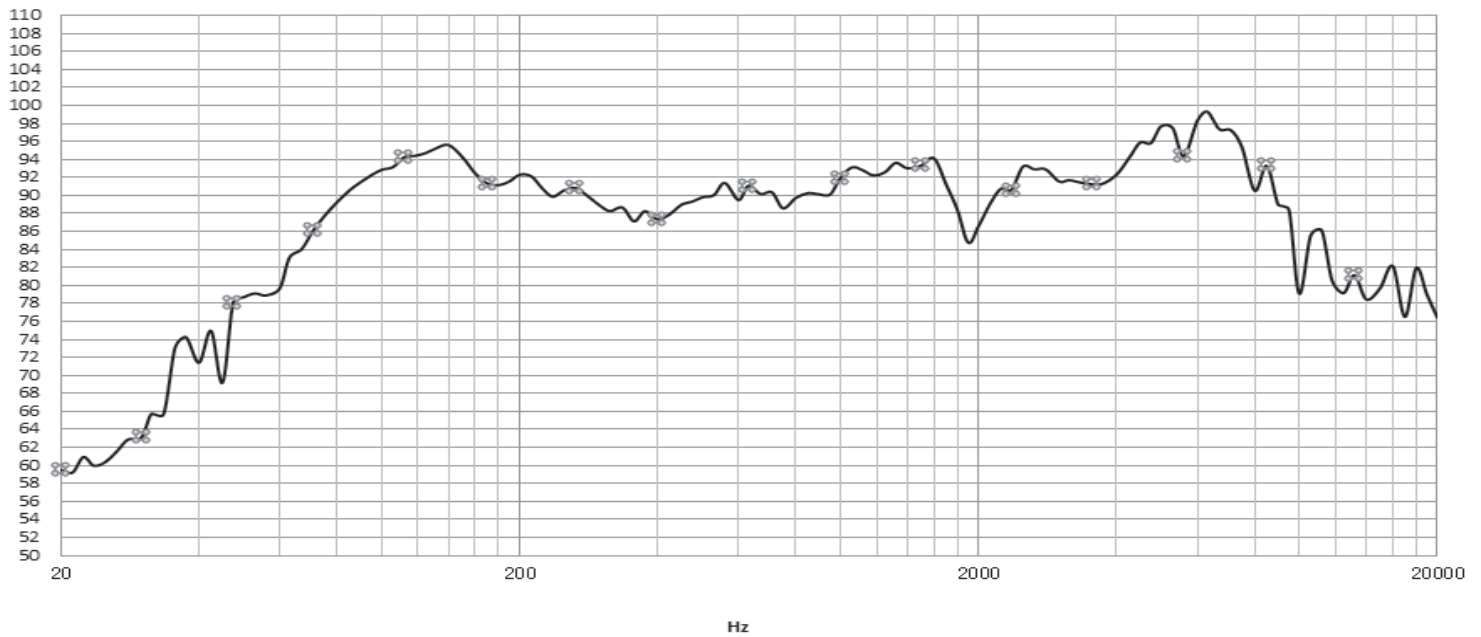
units: mm  
tolerance:  $\pm 0.3$  mm



## RESPONSE CURVES

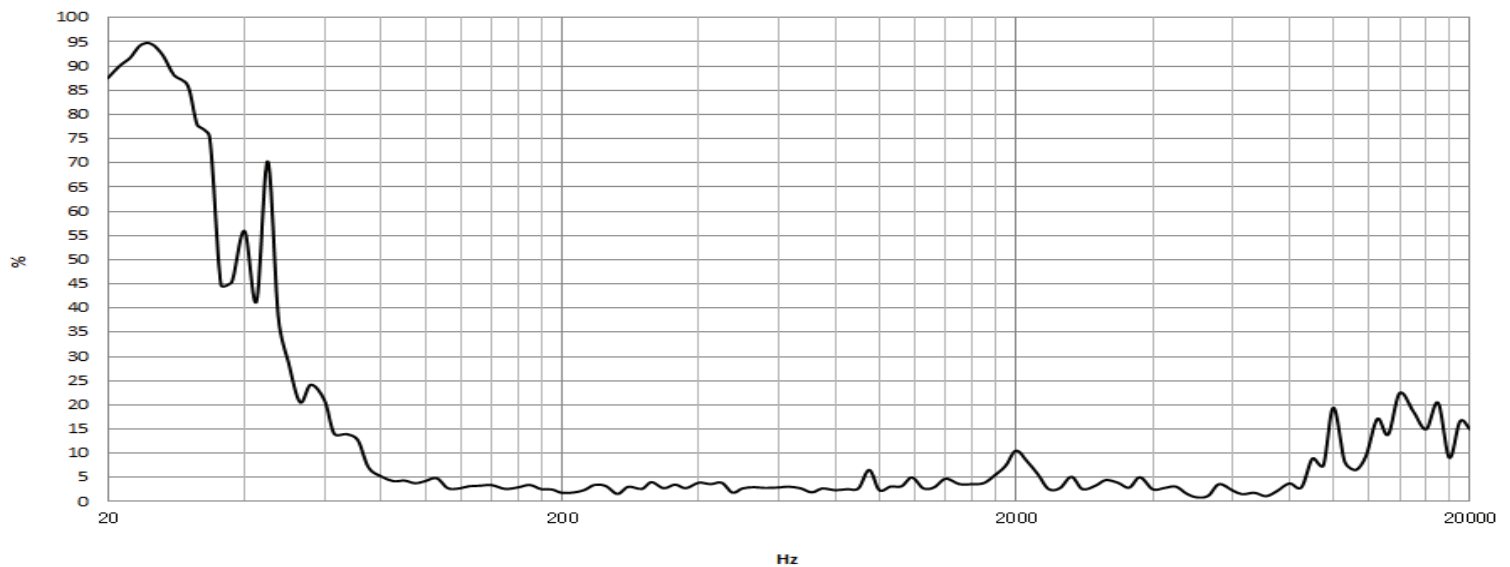
### Frequency Response Curve

Test Conditions: 1.0 W / 50 cm



### Total Harmonic Distortion Curve

Test Conditions: 1.0 W / 50 cm

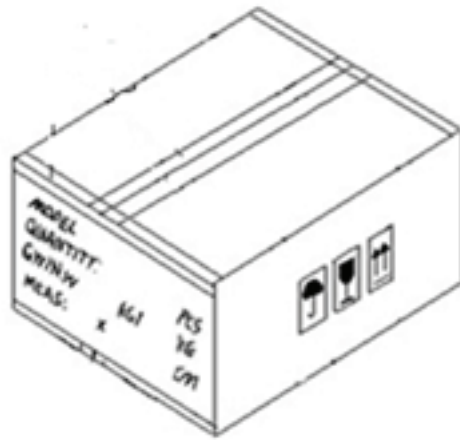
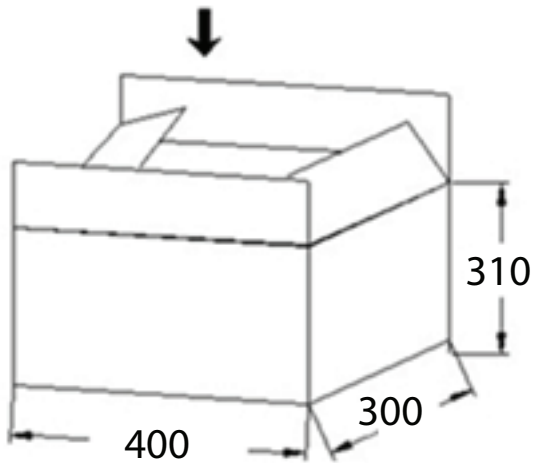


## PACKAGING

units: mm

Carton Size: 400 x 300 x 310 mm

Carton QTY: 45 pcs per carton



REVISION HISTORY

| rev. | description                       | date       |
|------|-----------------------------------|------------|
| 1.0  | initial release                   | 07/16/2020 |
| 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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