

**MODEL:** CSS-10237-58 | **DESCRIPTION:** SPEAKER**FEATURES**

- 5 W rated power
- 8 ohm rated impedance
- 88 dB at 1 W

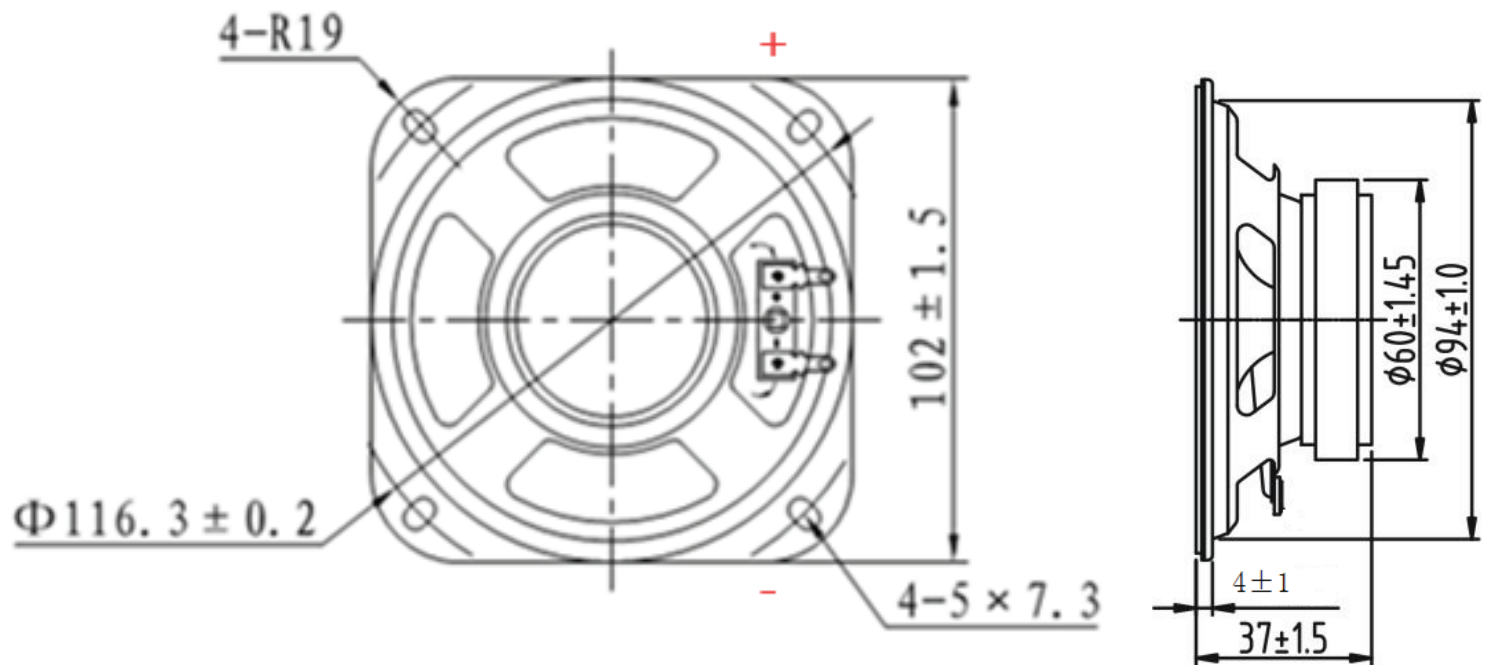
**SPECIFICATIONS**

| parameter               | conditions/description                                        | min | typ | max   | units              |
|-------------------------|---------------------------------------------------------------|-----|-----|-------|--------------------|
| input power             |                                                               |     | 5.0 | 8.0   | W                  |
| impedance               | at 1.0 kHz, 1.0 V                                             | 6.8 | 8   | 9.2   | $\Omega$           |
| resonant frequency (Fo) | at 1.0 V                                                      | 224 | 280 | 336   | Hz                 |
| frequency response      |                                                               | Fo  |     | 6,000 | Hz                 |
| sound pressure level    | at 1.0 W, 50 cm, avg at 0.8, 1.0, 1.2, 1.5 kHz in baffleboard | 85  | 88  | 91    | dB                 |
|                         | at 5.0 W, 50 cm, avg at 0.8, 1.0, 1.2, 1.5 kHz in baffleboard | 91  | 94  | 97    | dB                 |
| distortion              | at 1.0 kHz, 1 W, 50 cm                                        |     |     | 8     | %                  |
| buzz, rattle, etc.      | must be normal at sine wave, frequency range between Fo~2 kHz |     |     | 10.95 | V                  |
| polarity                | cone moves forward w/ positive dc current to "+" terminal     |     |     |       |                    |
| dimensions              | 102 x 102 x 37                                                |     |     |       | mm                 |
| magnet                  | ferrite                                                       |     |     |       |                    |
| frame material          | SPCC                                                          |     |     |       |                    |
| cone material           | mylar                                                         |     |     |       |                    |
| terminal                | solder terminals                                              |     |     |       |                    |
| weight                  |                                                               | 190 | 220 | 250   | g                  |
| operating temperature   |                                                               | -20 |     | 60    | $^{\circ}\text{C}$ |
| storage temperature     |                                                               | -25 |     | 70    | $^{\circ}\text{C}$ |
| hand soldering          | for maximum 3 seconds                                         |     |     | 380   | $^{\circ}\text{C}$ |
| RoHS                    | yes                                                           |     |     |       |                    |

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

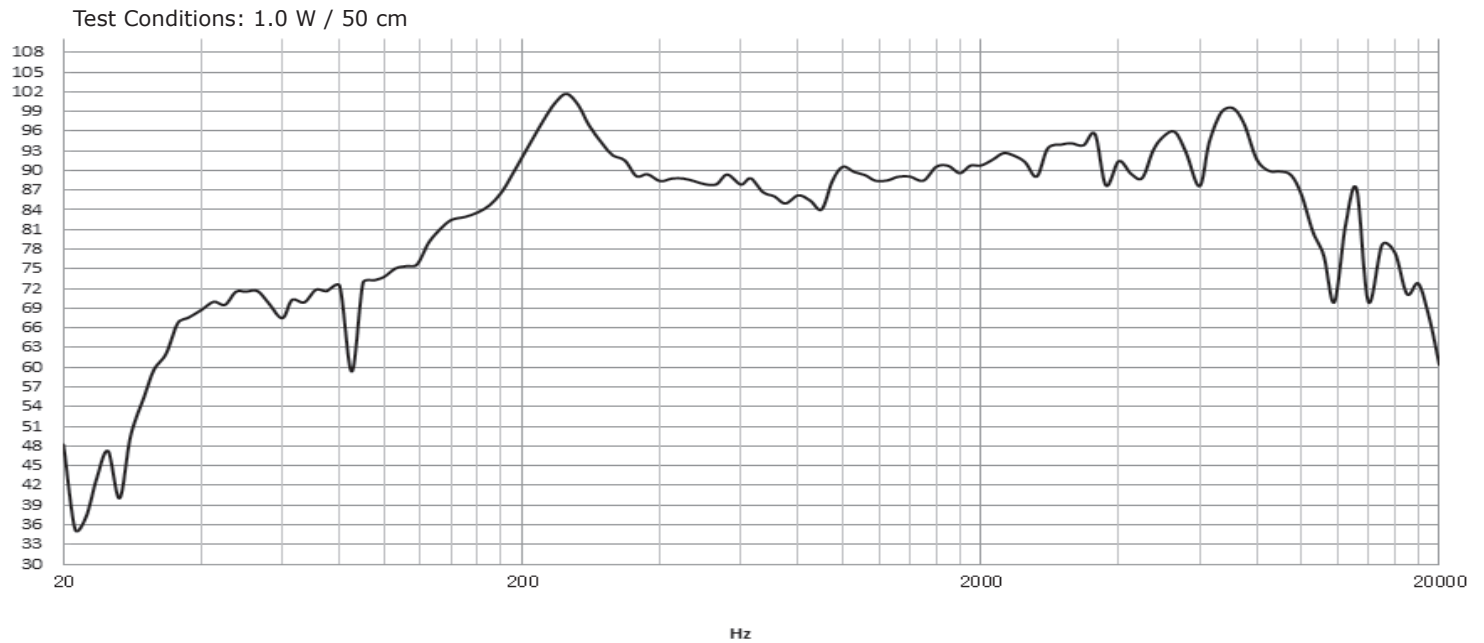
## MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.3$  mm

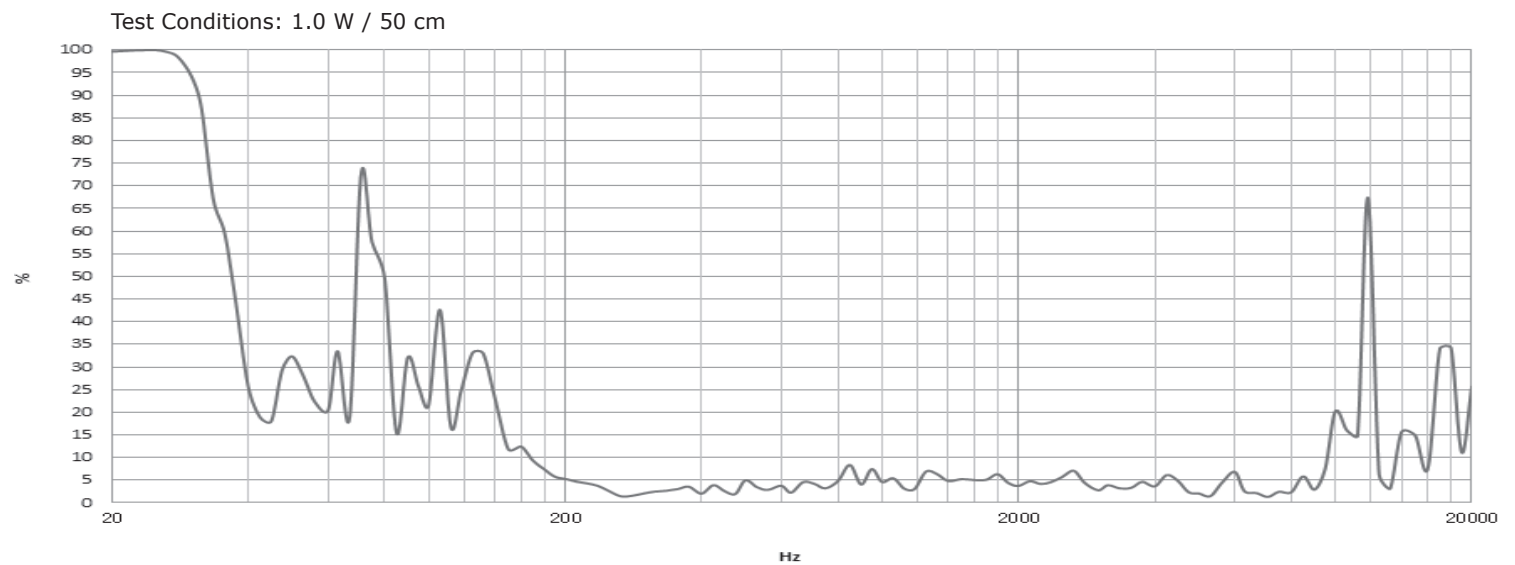


## RESPONSE CURVES

### Frequency Response Curve



### Total Harmonic Distortion Curve

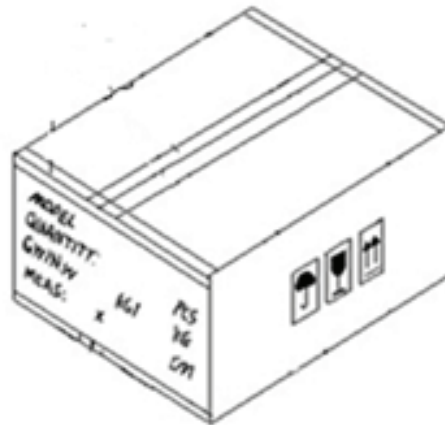
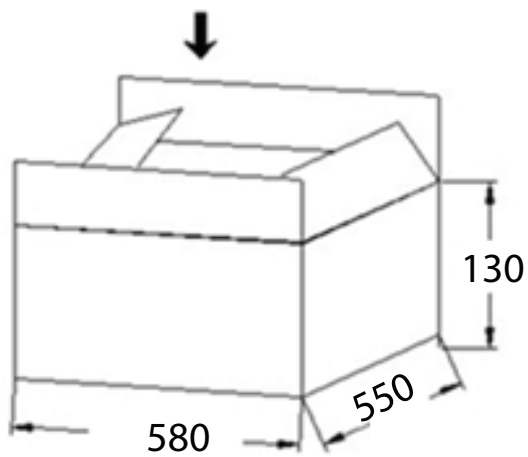


## PACKAGING

units: mm

Carton Size: 580 x 550 x 130 mm

Carton QTY: 50 pcs per carton



REVISION HISTORY

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

The revision history provided is for informational purposes only and is believed to be accurate.

CUI DEVICES

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