



**MODEL:** CDS-6620-058E | **DESCRIPTION:** SPEAKER

**FEATURES**

- PET cone
- 0.5 W
- solder eyelets



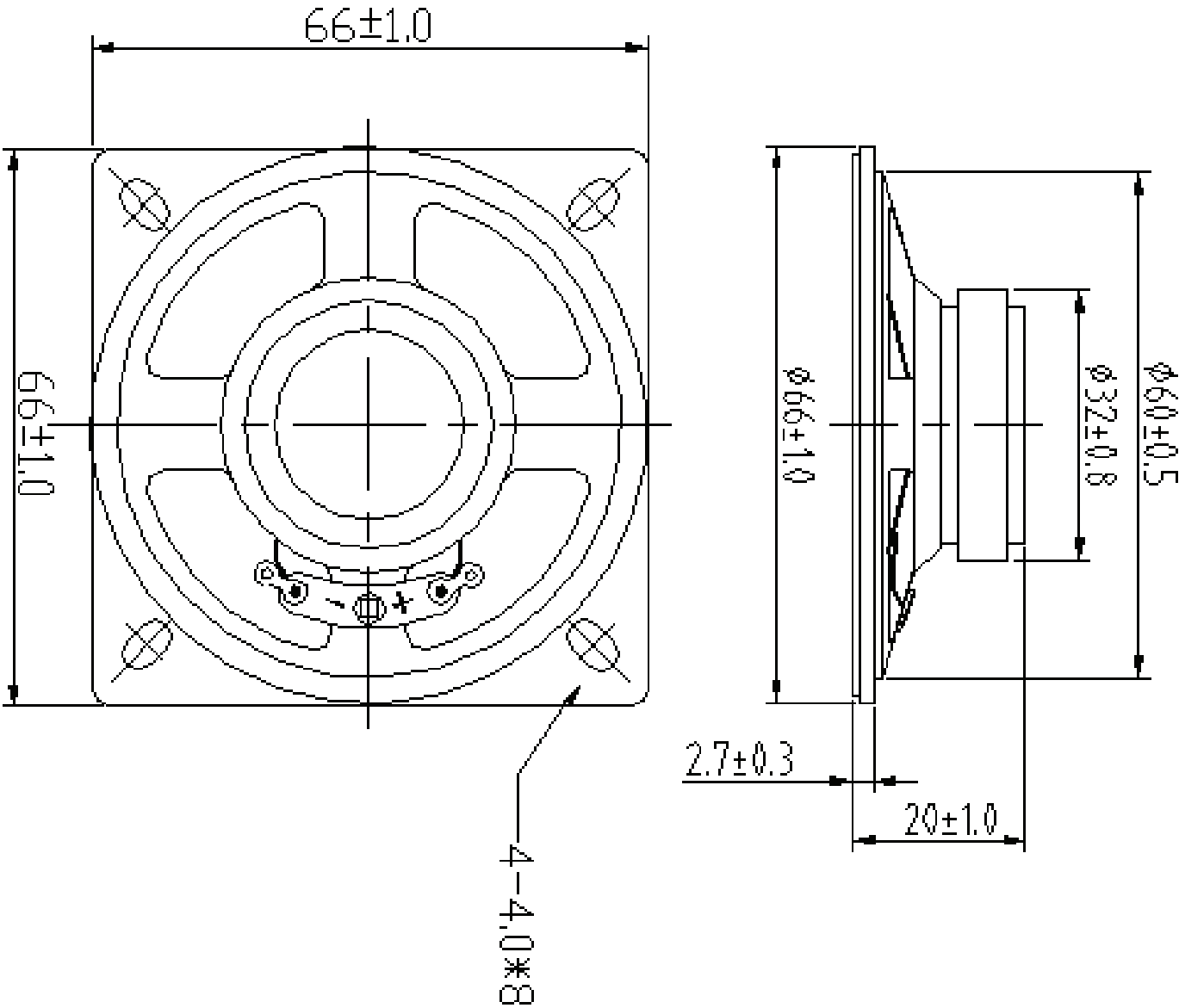
**SPECIFICATIONS**

| parameter               | conditions/description                                    | min  | typ  | max   | units              |
|-------------------------|-----------------------------------------------------------|------|------|-------|--------------------|
| input power             |                                                           |      | 0.50 | 1.0   | W                  |
| impedance               | at 1 kHz, 1.0 V                                           | 6.8  | 8    | 9.2   | $\Omega$           |
| resonant frequency (Fo) | at 1.0 V                                                  | 344  | 430  | 516   | Hz                 |
| frequency response      |                                                           | Fo   |      | 5,000 | Hz                 |
| sound pressure level    | at 1.0 W, 50 cm, avg at 0.8, 1.0, 1.2, 1.5 kHz            | 84   | 87   | 90    | dB                 |
| distortion              | at 1.0 kHz, 1 W, 50 cm                                    |      |      | 15    | %                  |
| buzz, rattle, etc.      | must be normal at sine wave between 300 Hz ~ 5 kHz        |      |      | 2.0   | V                  |
| polarity                | cone moves forward w/ positive dc current to "+" terminal |      |      |       |                    |
| dimensions              | 66 x 66 x 20                                              |      |      |       | mm                 |
| magnet                  | ferrite                                                   |      |      |       |                    |
| frame material          | SPCC                                                      |      |      |       |                    |
| cone material           | PET                                                       |      |      |       |                    |
| terminal                | solder eyelets                                            |      |      |       |                    |
| weight                  |                                                           | 50.6 | 55.0 | 59.4  | g                  |
| operating temperature   |                                                           | -20  |      | 60    | $^{\circ}\text{C}$ |
| storage temperature     |                                                           | -25  |      | 70    | $^{\circ}\text{C}$ |
| hand soldering          | for 3~5 seconds                                           | 370  | 380  | 390   | $^{\circ}\text{C}$ |
| 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.

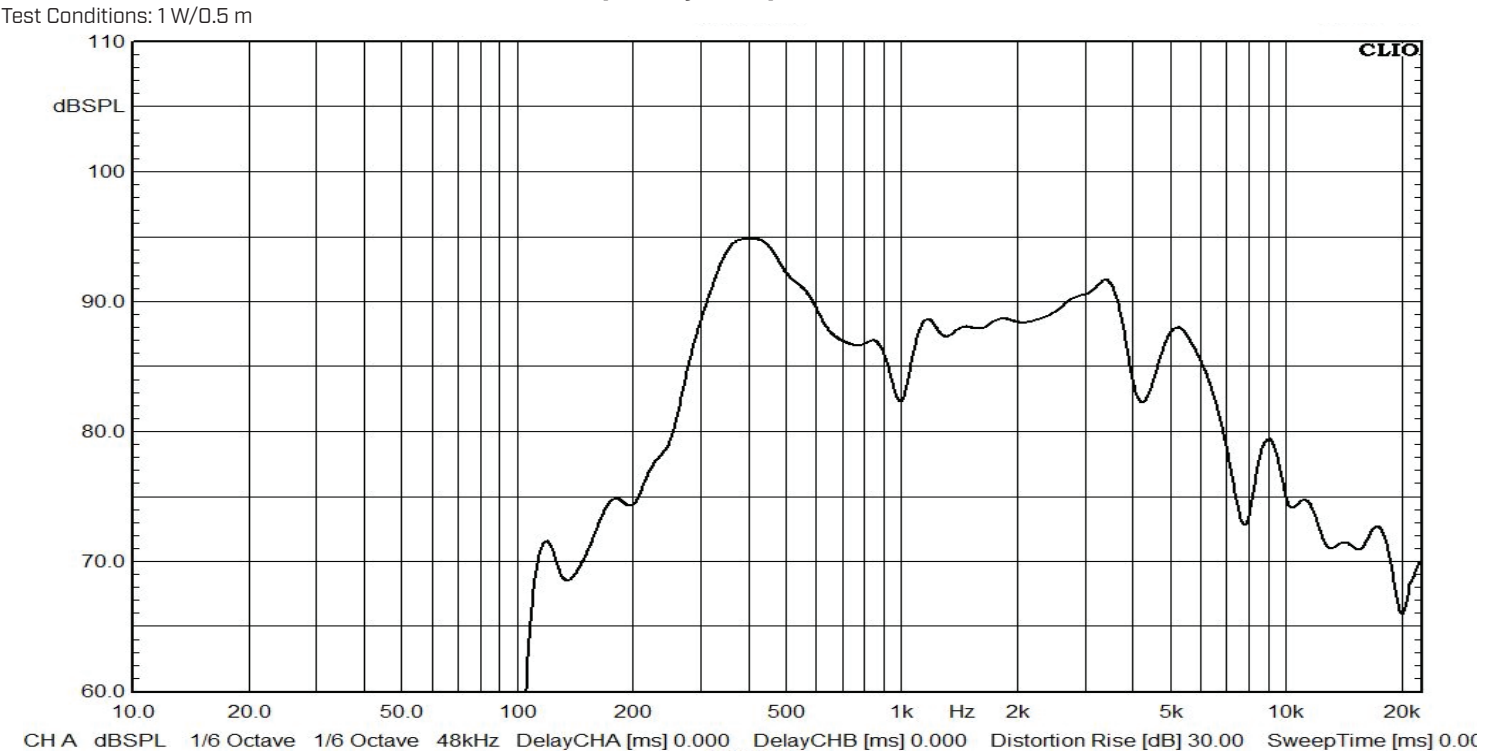
MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.5$  mm



RESPONSE CURVES

Frequency Response Curve



REVISION HISTORY

| rev. | description     | date       |
|------|-----------------|------------|
| 1.0  | initial release | 09/18/2024 |

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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