

**MODEL:** CDS-575719-0258E | **DESCRIPTION:** SPEAKER**FEATURES**

- paper cone
- 0.25 W
- solder eyelets

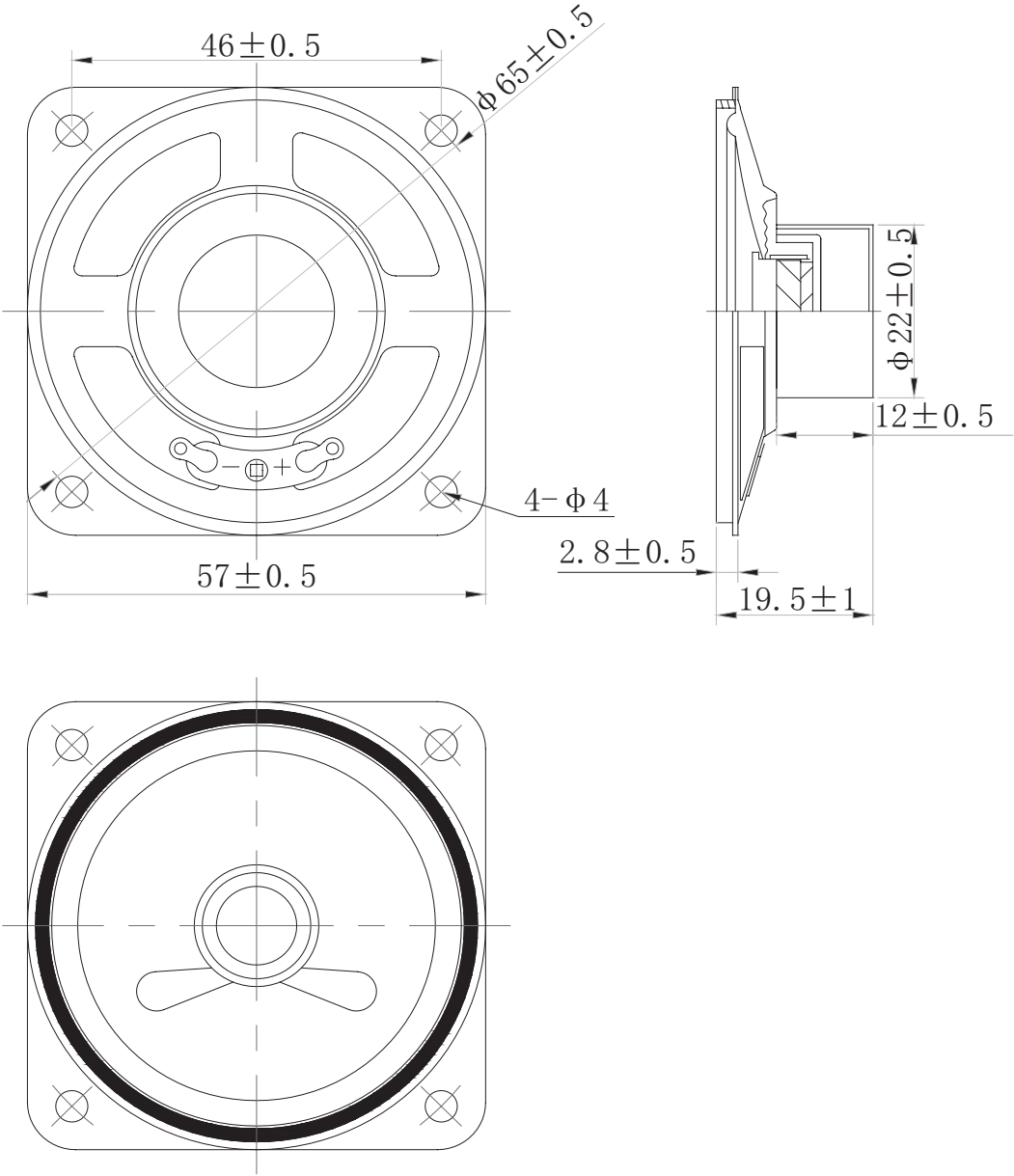
**SPECIFICATIONS**

| parameter               | conditions/description                                    | min  | typ  | max   | units    |
|-------------------------|-----------------------------------------------------------|------|------|-------|----------|
| input power             |                                                           |      | 0.25 | 0.50  | W        |
| impedance               | at 1 kHz, 0.1 W                                           | 6.8  | 8    | 9.2   | $\Omega$ |
| resonant frequency (Fo) | at 1.0 V                                                  | 400  | 500  | 600   | Hz       |
| frequency response      |                                                           | Fo   |      | 5,000 | Hz       |
| sound pressure level    | at 0.1 W, 10 cm, avg at 0.8, 1.0, 1.2, 1.5 kHz            | 92   | 95   | 98    | dB       |
|                         | at 0.25 W, 10 cm, avg at 0.8, 1.0, 1.2, 1.5 kHz           | 96   | 99   | 102   | dB       |
| distortion              | at 2.0 kHz, 0.1 W                                         |      |      | 5     | %        |
| buzz, rattle, etc.      | must be normal at sine wave between Fo Hz ~ 7 kHz         |      |      | 1.4   | V        |
| polarity                | cone moves forward w/ positive dc current to "+" terminal |      |      |       |          |
| dimensions              | 57 x 57 x 19.5                                            |      |      |       | mm       |
| magnet                  | Nd-Fe-B                                                   |      |      |       |          |
| frame material          | SPCC                                                      |      |      |       |          |
| cone material           | paper                                                     |      |      |       |          |
| terminal                | solder eyelets                                            |      |      |       |          |
| weight                  |                                                           | 32.2 | 35.0 | 37.8  | g        |
| operating temperature   |                                                           | -30  |      | 75    | °C       |
| storage temperature     |                                                           | -40  |      | 85    | °C       |
| hand soldering          | for 3~5 seconds                                           | 370  | 380  | 390   | °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

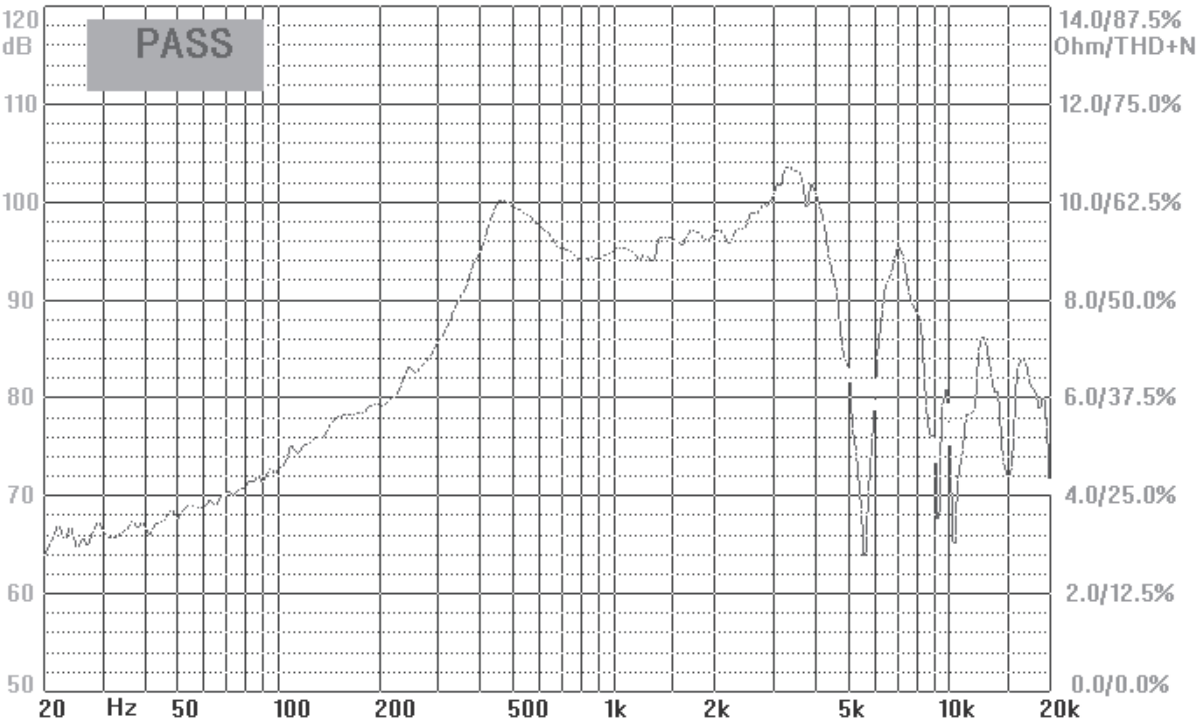
units: mm  
tolerance:  $\pm 0.5$  mm



RESPONSE CURVE

Frequency Response Curve

Test Conditions: 0.1 W/0.1 m



REVISION HISTORY

| rev. | description     | date       |
|------|-----------------|------------|
| 1.0  | initial release | 09/10/2024 |

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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