



MODEL: CDS-5719-038E | DESCRIPTION: SPEAKER

FEATURES

- PET cone
- 0.3 W
- solder eyelets



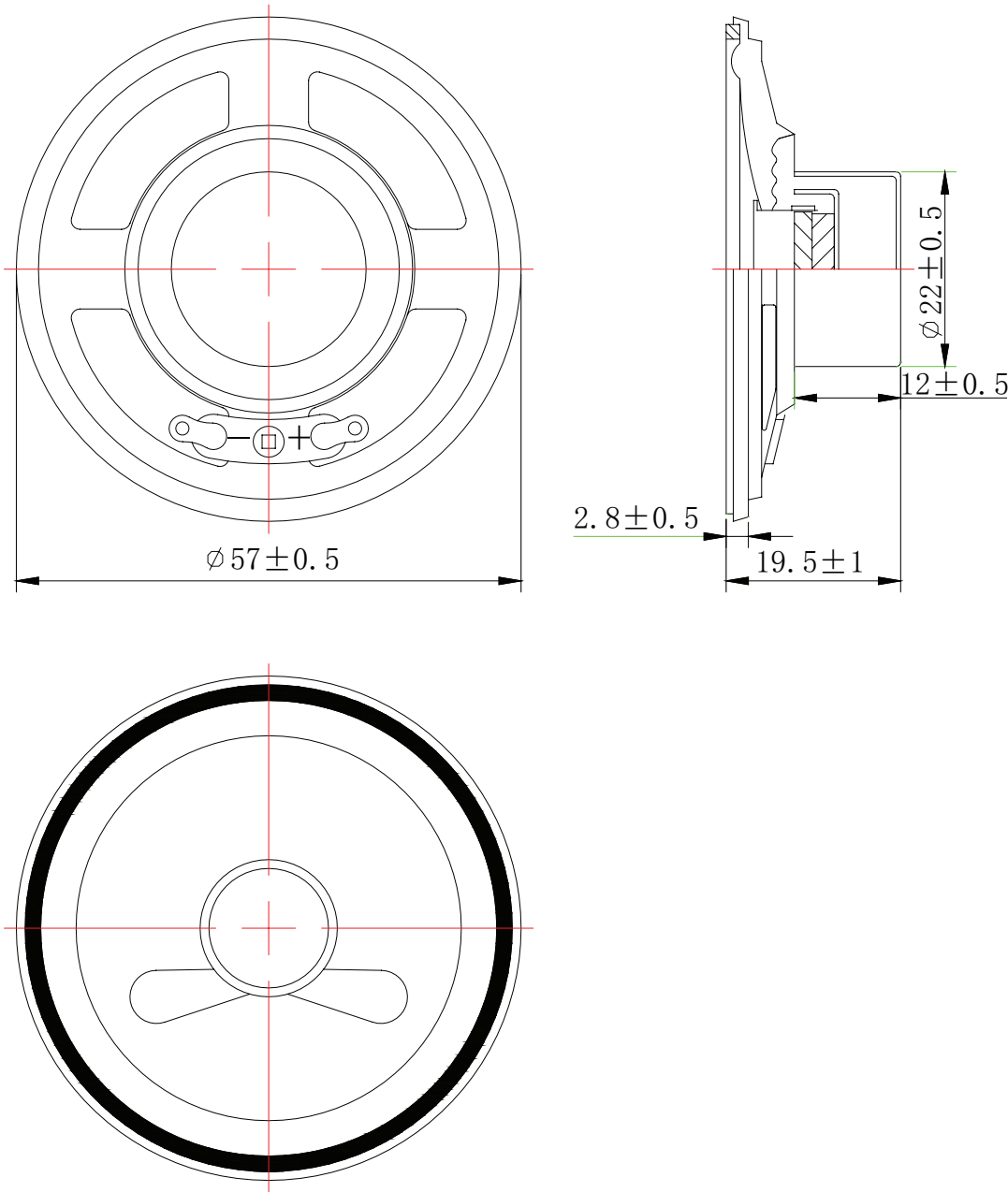
SPECIFICATIONS

| parameter               | conditions/description                                    | min   | typ   | max   | units    |
|-------------------------|-----------------------------------------------------------|-------|-------|-------|----------|
| input power             |                                                           |       | 0.3   | 0.6   | W        |
| impedance               | at 1 kHz, 0.1 W                                           | 6.8   | 8     | 9.2   | $\Omega$ |
| resonant frequency (Fo) | at 1.0 W                                                  | 360   | 450   | 540   | Hz       |
| frequency response      |                                                           | Fo    |       | 5,000 | Hz       |
| sound pressure level    | at 0.1 W, 10 cm, avg at 0.6, 0.8, 1.0, 1.2 kHz            | 89    | 92    | 95    | dB       |
|                         | at 0.3 W, 10 cm, avg at 0.6, 0.8, 1.0, 1.2 kHz            | 93.5  | 96.5  | 99.5  | dB       |
| distortion              | at 2.0 kHz, 0.1 W                                         |       |       | 5     | %        |
| buzz, rattle, etc.      | must be normal at sine wave between Fo Hz ~ 5 kHz         |       |       | 1.55  | V        |
| polarity                | cone moves forward w/ positive dc current to “+” terminal |       |       |       |          |
| dimensions              | Ø57 x 19.5                                                |       |       |       | mm       |
| magnet                  | Nd-Fe-B                                                   |       |       |       |          |
| frame material          | SPCC                                                      |       |       |       |          |
| cone material           | PET                                                       |       |       |       |          |
| terminal                | solder eyelets                                            |       |       |       |          |
| weight                  |                                                           | 29.44 | 32.00 | 34.56 | g        |
| operating temperature   |                                                           | -30   |       | 60    | °C       |
| storage temperature     |                                                           | -40   |       | 65    | °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**

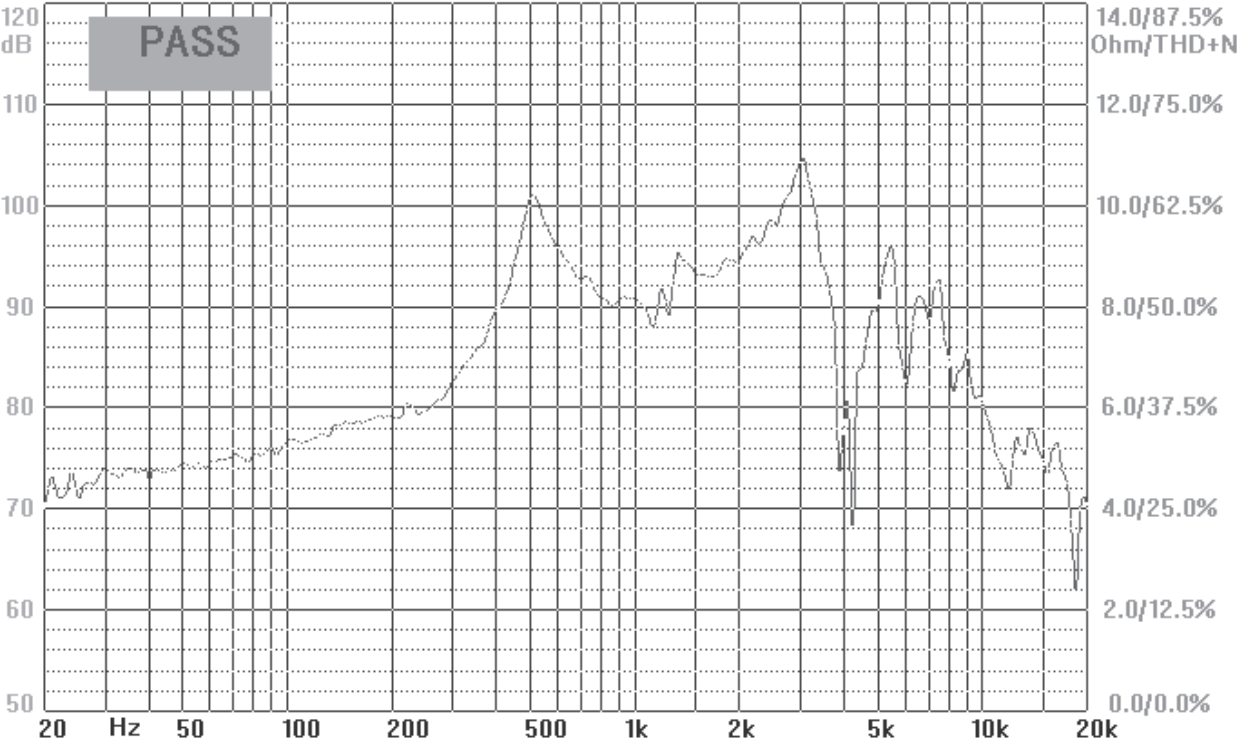
units: mm  
tolerance:  $\pm 0.5$  mm



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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