

MODEL: CMS-402008-18SP | **DESCRIPTION:** SPEAKER**FEATURES**

- 1.5 W
- cloth cone
- solder terminals

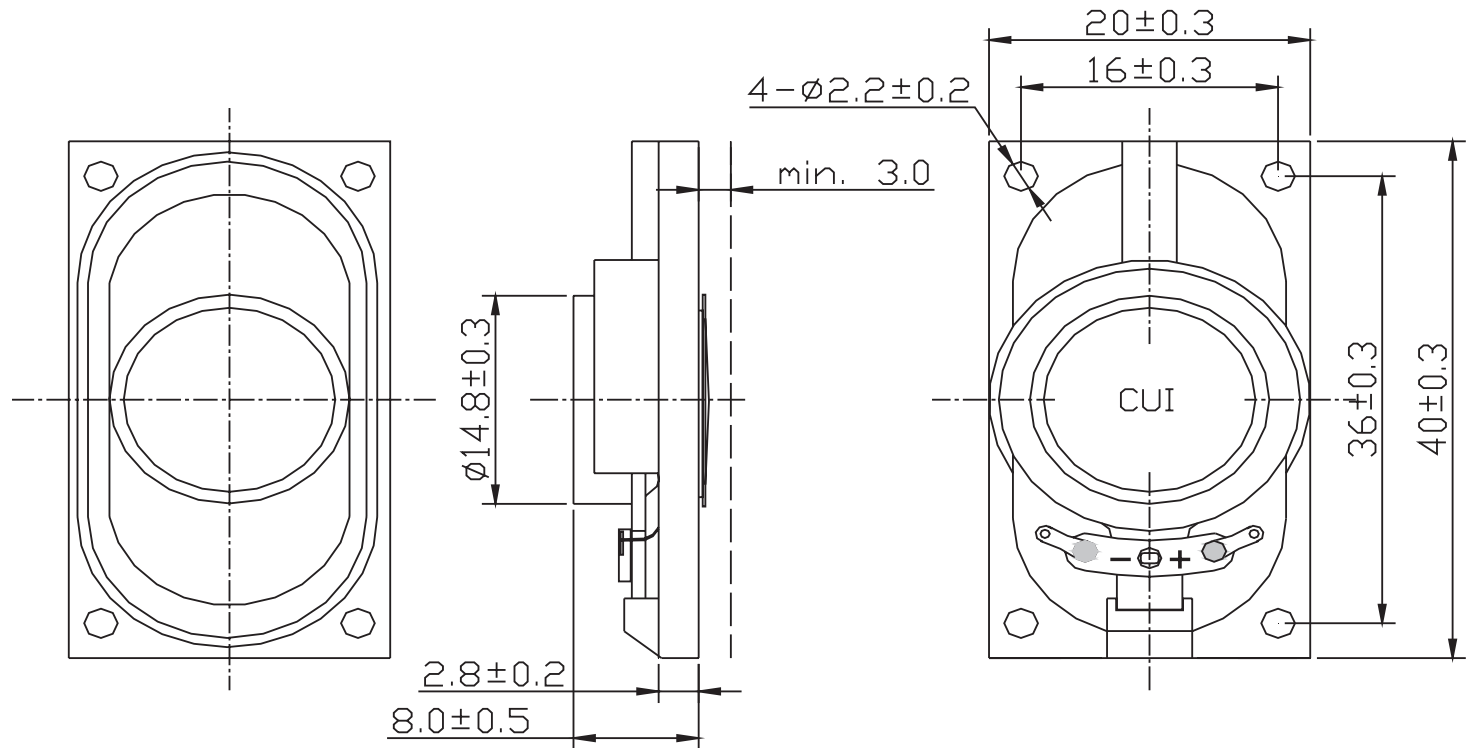
**SPECIFICATIONS**

| parameter | conditions/description | min | typ | max | units |
|-------------------------|---|-----|-----|--------|----------|
| input power | max power: 1 minute on, 2 minutes off, 10 cycles | | 1.5 | 3.0 | W |
| impedance | at 2.0 kHz, 1.0 Vrms | 6.8 | 8 | 9.2 | Ω |
| resonant frequency (Fo) | at 1.0 Vrms | 440 | 550 | 660 | Hz |
| frequency response | | 200 | | 20,000 | Hz |
| sound pressure level | at 0.1 W, 10 cm, avg at 0.8, 1.0, 1.2, 1.5 kHz | 85 | 88 | 91 | dB |
| | at 1.0 W, 50 cm, avg at 0.8, 1.0, 1.2, 1.5 kHz | 81 | 84 | 87 | dB |
| distortion | at 1.0 kHz, 0.1 W | | | 5 | % |
| buzz, rattle, etc. | must be normal at sine wave, 0.1~2 kHz | | | 2.53 | V |
| polarity | cone moves forward w/ positive dc current to "+" terminal | | | | |
| dimensions | 40 x 20 x 8 | | | | mm |
| magnet | Nd-Fe-B | | | | |
| frame material | ABS | | | | |
| cone material | cloth | | | | |
| terminal | solder terminals | | | | |
| weight | | | 7.6 | | g |
| operating temperature | | -20 | | 60 | °C |
| storage temperature | | -30 | | 70 | °C |
| hand soldering | for maximum 3 seconds | | | 380 | °C |
| RoHS | yes | | | | |

Notes: 1. All specifications measured at 15~35°C, humidity at 25~75%, under 86~106 kPa pressure, unless otherwise noted.

MECHANICAL DRAWING

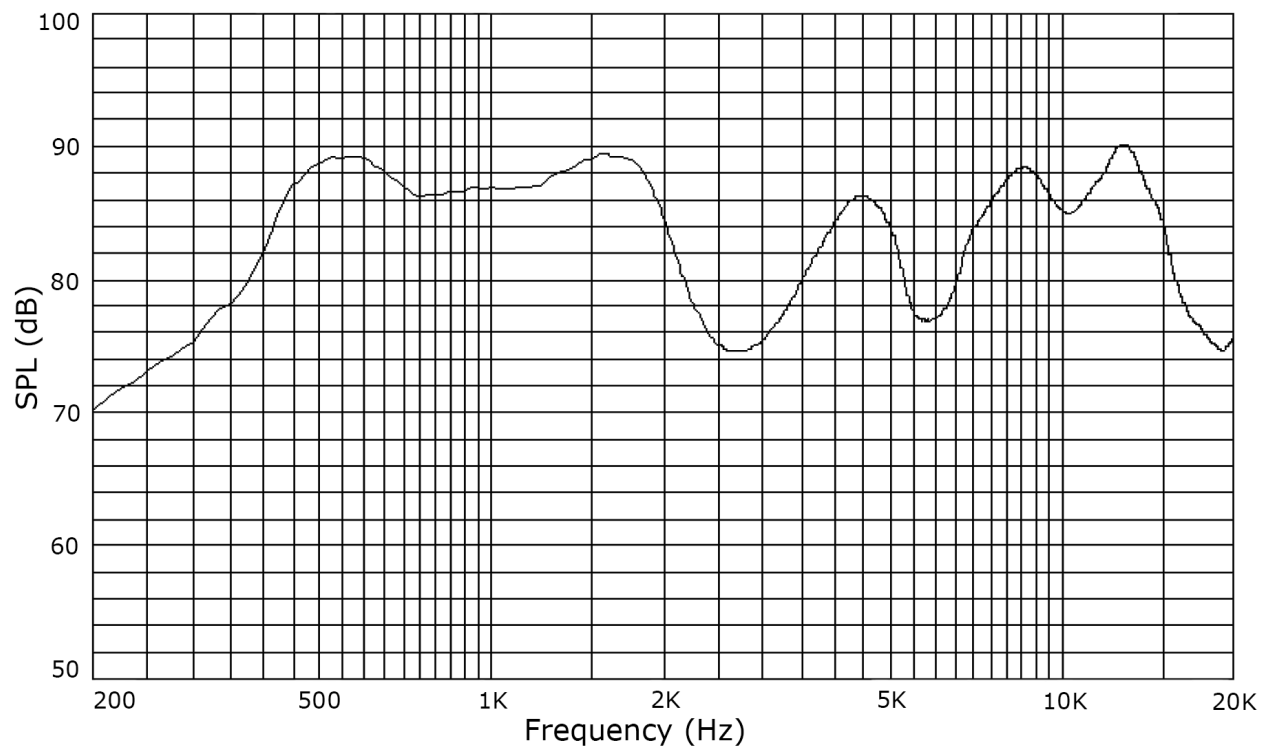
units: mm

tolerance: ± 0.3 mm

RESPONSE CURVES

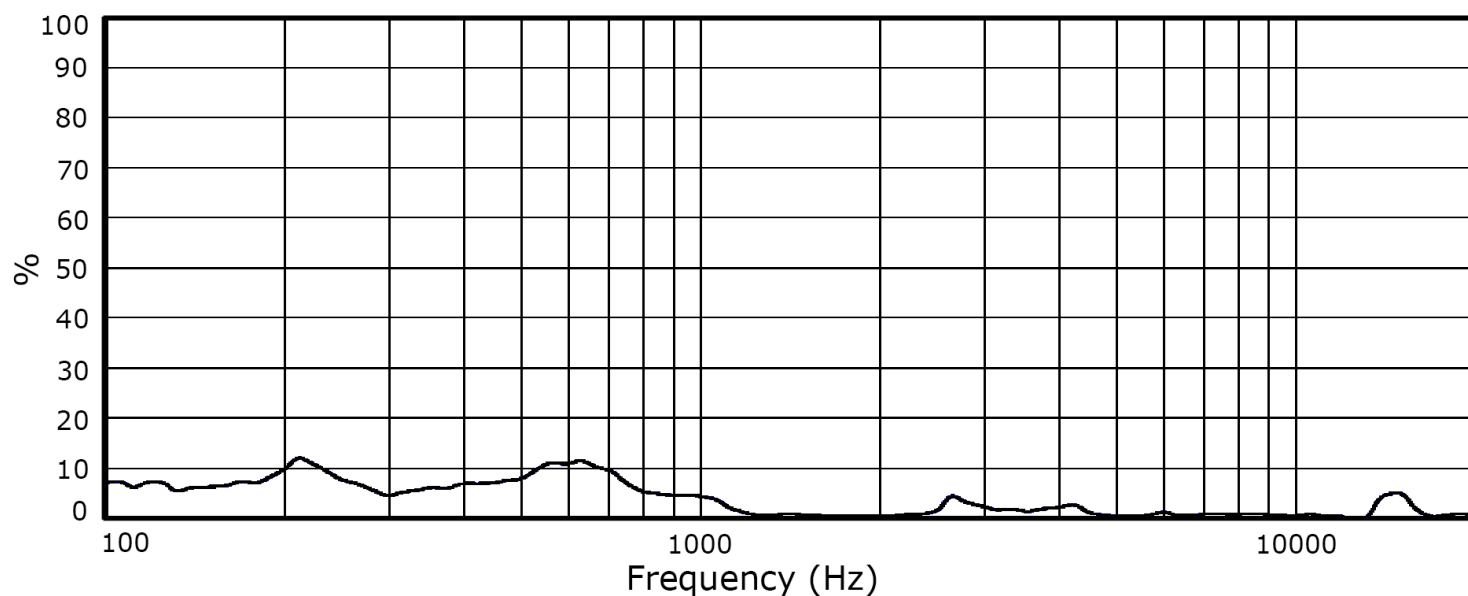
Frequency Response Curve

Test Conditions: 0.1 W



Total Harmonic Distortion Curve

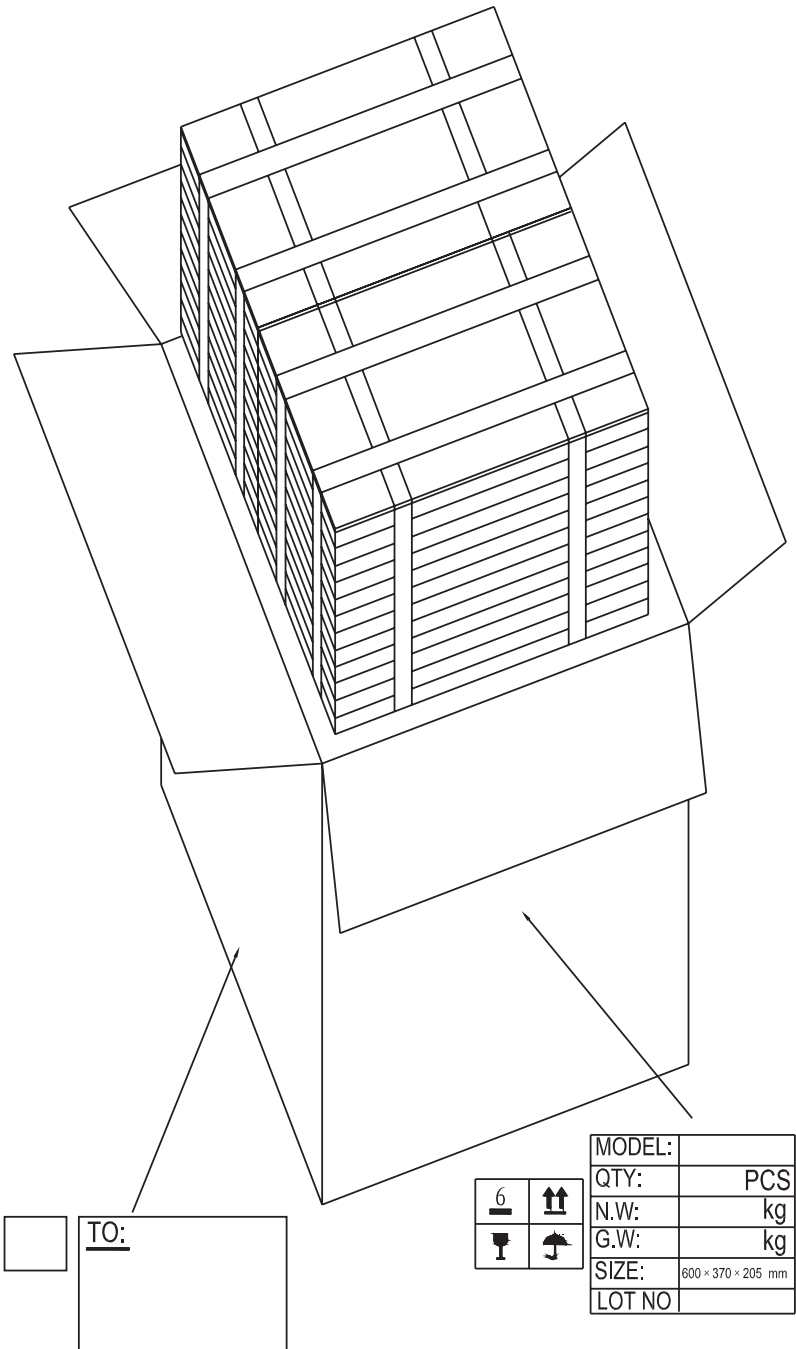
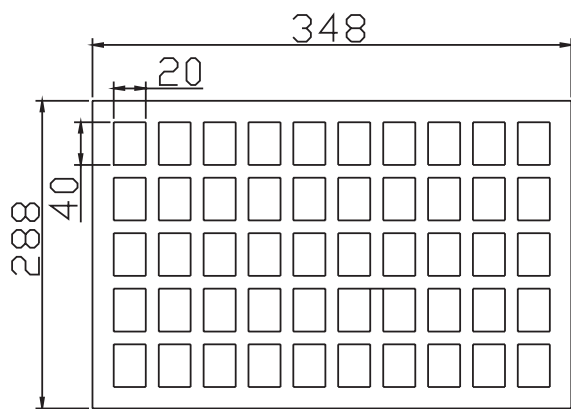
Test Conditions: 0.1 W



PACKAGING

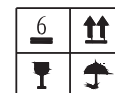
units: mm

Tray QTY: 50 pcs per tray
Carton Size: 600 x 370 x 205 mm
Carton QTY: 1,000 pcs per carton



| |
|-----|
| TO: |
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| | |
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| C/N | / |
|-----|---|



| | |
|--------|--------------------|
| MODEL: | |
| QTY: | PCS |
| N.W: | kg |
| G.W: | kg |
| SIZE: | 600 × 370 × 205 mm |
| LOT NO | |

REVISION HISTORY

| rev. | description | date |
|------|-----------------|------------|
| 1.0 | initial release | 11/06/2019 |

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

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