

MODEL: CMS-34348N | **DESCRIPTION:** SPEAKER**FEATURES**

- miniature speaker
- 380 Hz resonant frequency
- Nd-Fe-B magnet

**SPECIFICATIONS**

| parameter | conditions/description | min | typ | max | units |
|-------------------------|--|-----|-----|--------|--------------------|
| input power | maximum power: IEC-60268-5, filter 60s on/120s off, 10 cycles at room temp | | 3.0 | 4.0 | W |
| impedance | at 1.0 kHz, 1.0 V | 6.8 | 8 | 9.2 | Ω |
| resonant frequency (Fo) | at 1.0 V | 304 | 380 | 456 | Hz |
| frequency response | output SPL -10 dB | Fo | | 10,000 | Hz |
| sound pressure level | at 1.0 W, 0.5 m ave, at 0.8, 1.0, 1.2, 1.5 kHz | 77 | 80 | 83 | dB |
| | at 3.0 W, 0.5 m ave, at 0.8, 1.0, 1.2, 1.5 kHz | 82 | 85 | 88 | dB |
| distortion | at 1.0 kHz, 1.0 W | | | 5 | % |
| buzz, rattle, etc. | must be normal at sine wave between Fo ~ 20,000 Hz | | 4.9 | | V |
| dimensions | 34 x 34 x 14.5 | | | | mm |
| magnet | Nd-Fe-B | | | | |
| material | ABS77D | | | | |
| cone material | mylar | | | | |
| terminal | solder terminals | | | | |
| weight | | | 30 | | g |
| operating temperature | | -20 | | 55 | $^{\circ}\text{C}$ |
| storage temperature | | -30 | | 65 | $^{\circ}\text{C}$ |
| RoHS | yes | | | | |

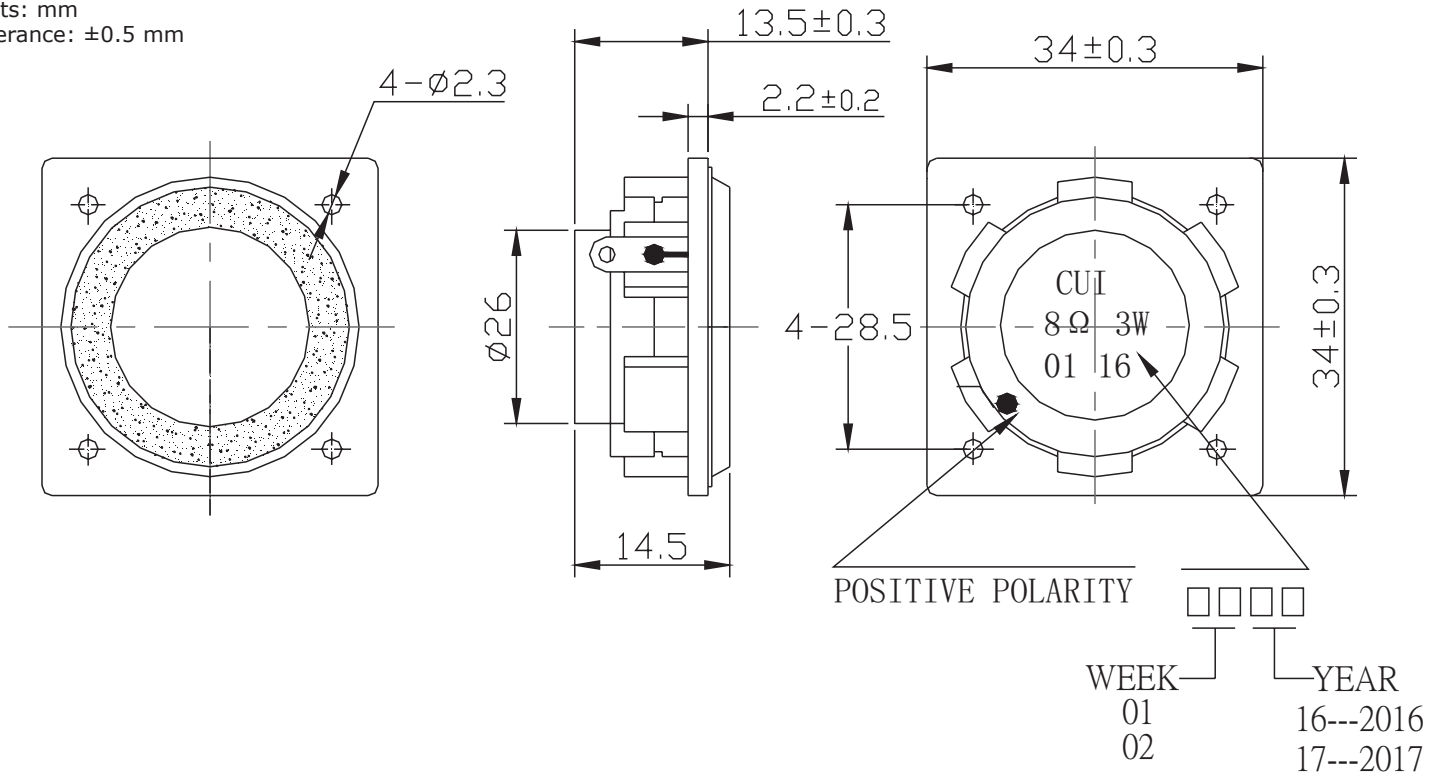
Notes: 1. All specifications measured at 5~35 $^{\circ}\text{C}$, humidity at 45~85%, under 86~106 kPa pressure, unless otherwise noted.

SOLDERABILITY

| parameter | conditions/description | min | typ | max | units |
|----------------|------------------------|-----|-----|-----|--------------------|
| hand soldering | for maximum 3 seconds | 370 | 380 | 390 | $^{\circ}\text{C}$ |

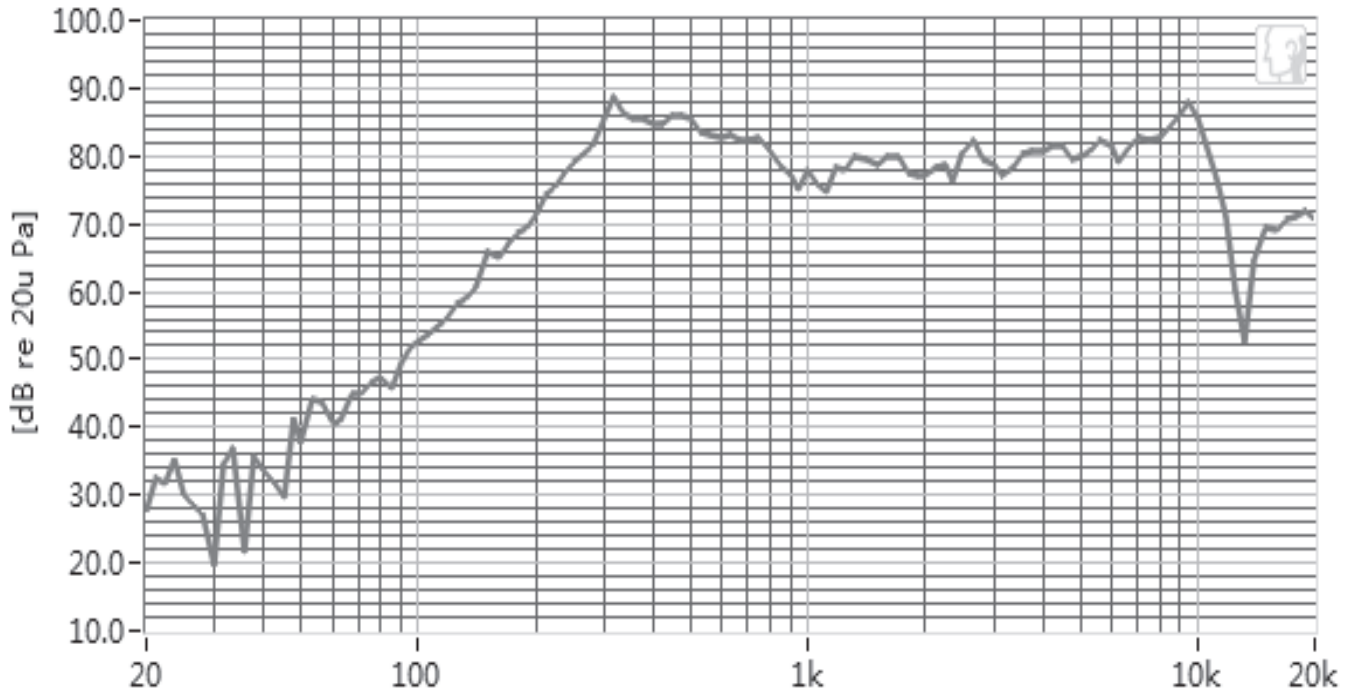
MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm



FREQUENCY RESPONSE CURVE

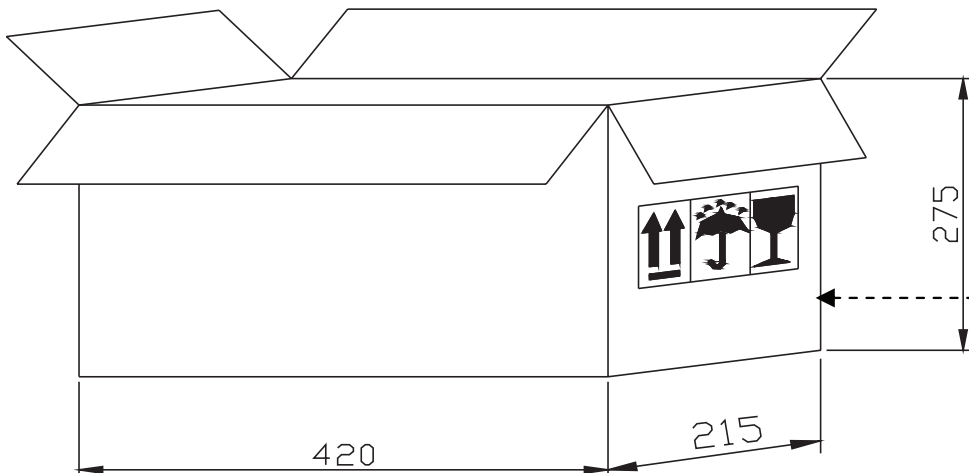
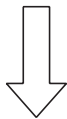
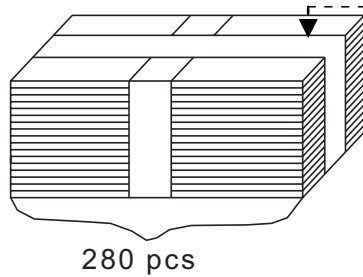
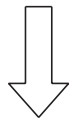
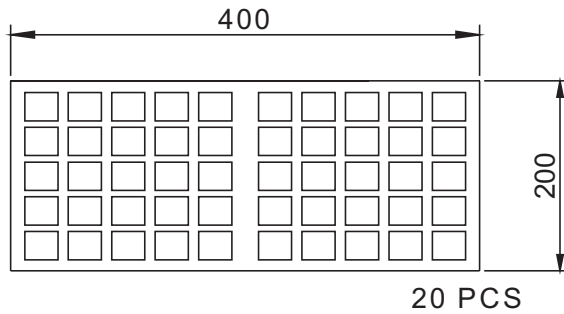
Frequency Response.Magn dB re 20.00µ PA AT 1 W / 0.5 m




PACKAGING

units: mm

Tray Size: 400 x 200 x 18 mm
 Carton Size: 420 x 215 x 275 mm
 Tray QTY: 20 pcs per tray
 Carton QTY: 280 pcs per carton



| | |
|-----------|--|
| Lot No. | XXXXXXXXXX |
| Model No. | CUI Inv#. XXXXXXXXXXXX CUI Part#. XXXXXXXXXXXX |
| Quantity. | XXXX Pcs |
| Date: | DD MM YY  |
| | MADE IN CHINA |
| | CUI Inc |

* The label stucked on inner boxes and the outer of carton.

REVISION HISTORY

| rev. | description | date |
|------|-----------------|------------|
| 1.0 | initial release | 06/28/2016 |
| 1.01 | brand update | 01/23/2020 |

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

CUI DEVICES

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