

**MODEL:** CMR-15062S-67 | **DESCRIPTION:** SPEAKER**FEATURES**

- IP67 rated face
- protection against dust and water ingress
- dynamic receiver
- small footprint
- spring contacts

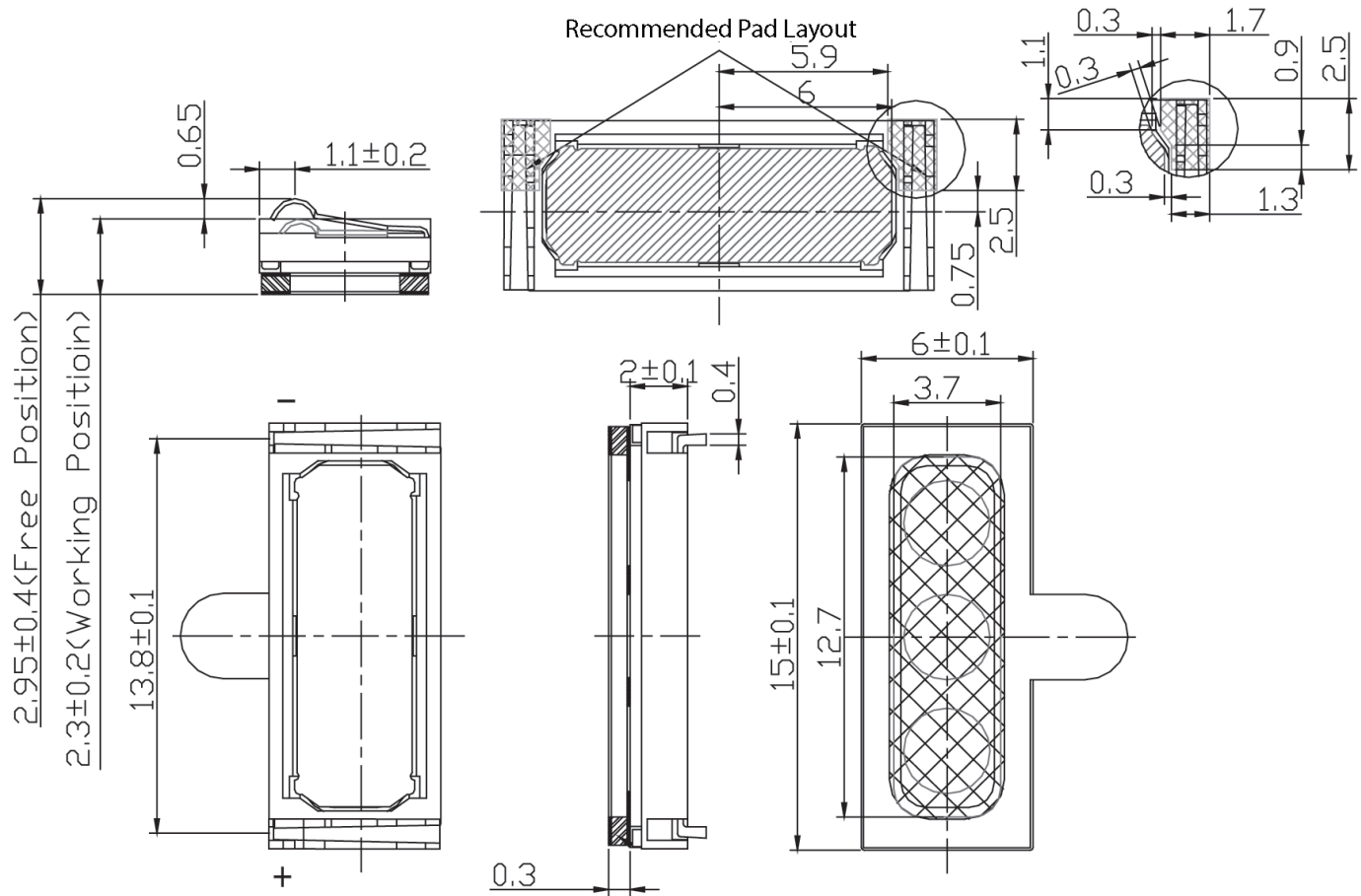
**SPECIFICATIONS**

| parameter               | conditions/description                                    | min  | typ | max   | units    |
|-------------------------|-----------------------------------------------------------|------|-----|-------|----------|
| input power             |                                                           |      | 20  | 30    | mW       |
| impedance               | at 1.0 kHz, 0.8 Vrms in free air                          | 27.2 | 32  | 36.8  | $\Omega$ |
| coil resistance         |                                                           | 23.8 | 28  | 32.2  | $\Omega$ |
| resonant frequency (Fo) | at 0.8 Vrms in free air                                   | 440  | 550 | 660   | Hz       |
| frequency response      |                                                           | 300  |     | 7,000 | Hz       |
| sound pressure level    | at 1 kHz with Type 3.2 HL Ear, 0.8 Vrms                   | 114  | 117 | 120   | dB       |
| distortion              | see THD curve                                             |      |     |       | %        |
| buzz, rattle, etc.      | must be normal at sine wave, 0.3~7 kHz                    |      | 0.8 |       | Vrms     |
| polarity                | cone moves forward w/ positive dc current to "+" terminal |      |     |       |          |
| dimensions              | 15 x 6 x 2                                                |      |     |       | mm       |
| magnet                  | Nd-Fe-B                                                   |      |     |       |          |
| cone material           | mylar                                                     |      |     |       |          |
| weight                  |                                                           |      | 0.4 |       | g        |
| operating temperature   |                                                           | -20  |     | 70    | °C       |
| storage temperature     |                                                           | -40  |     | 85    | °C       |
| RoHS                    | yes                                                       |      |     |       |          |
| IP level                | IP67 (front side)                                         |      |     |       |          |

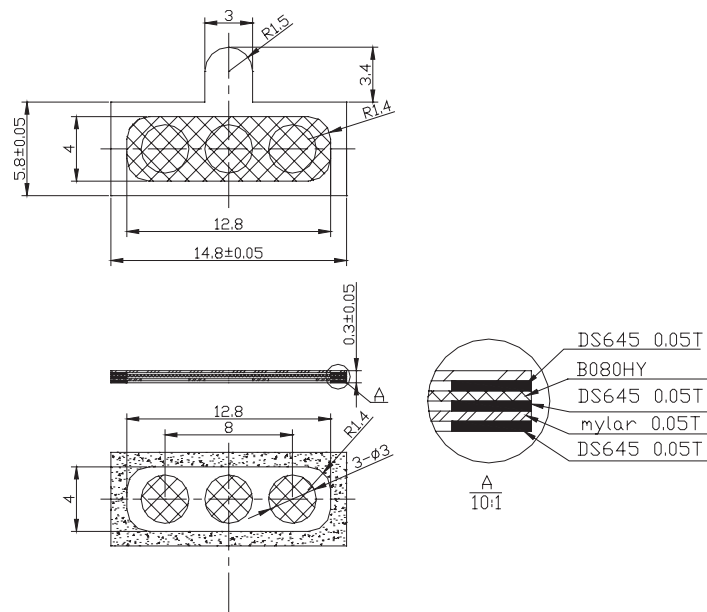
Notes: 1. All specifications measured at 15~35°C, humidity at 25~75%, under 86~106 kPa pressure, unless otherwise noted.

## MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.2$  mm



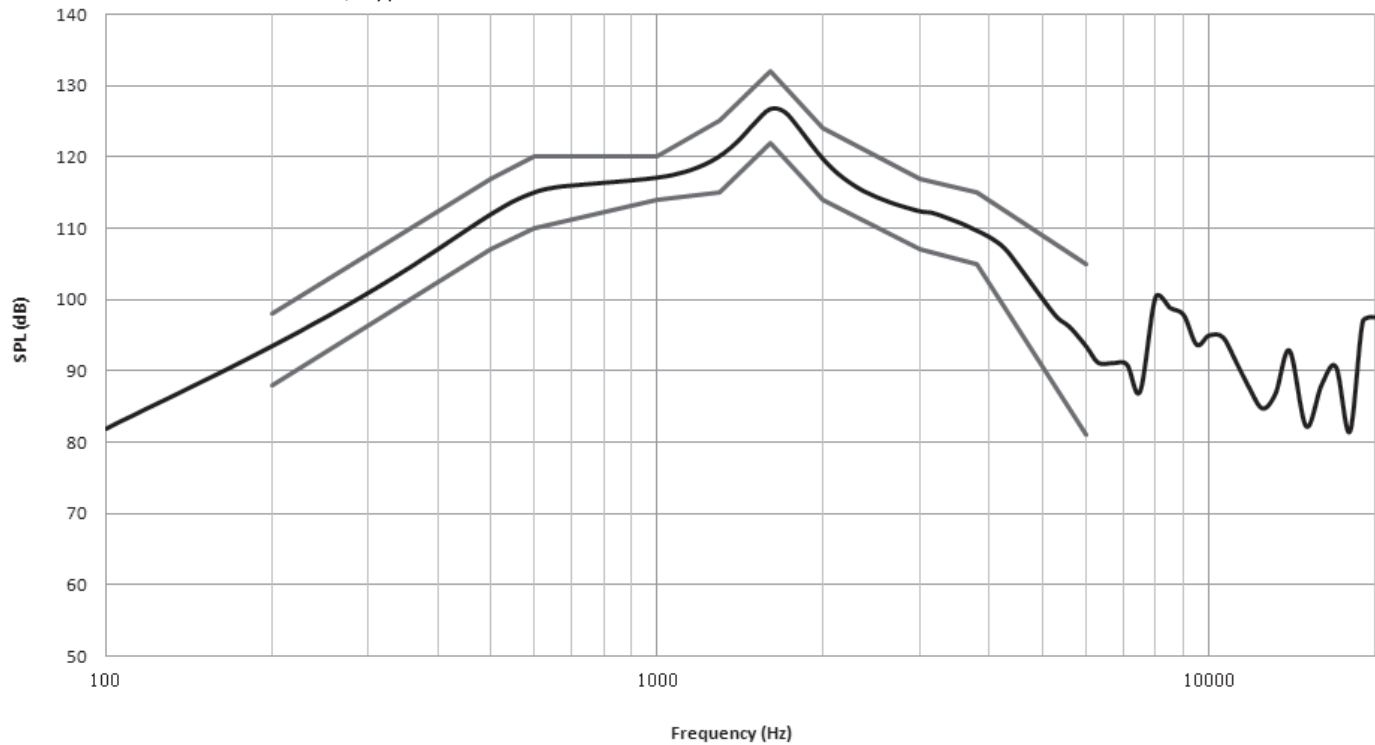
## MECHANICAL DRAWING (GASKET)



## RESPONSE CURVES

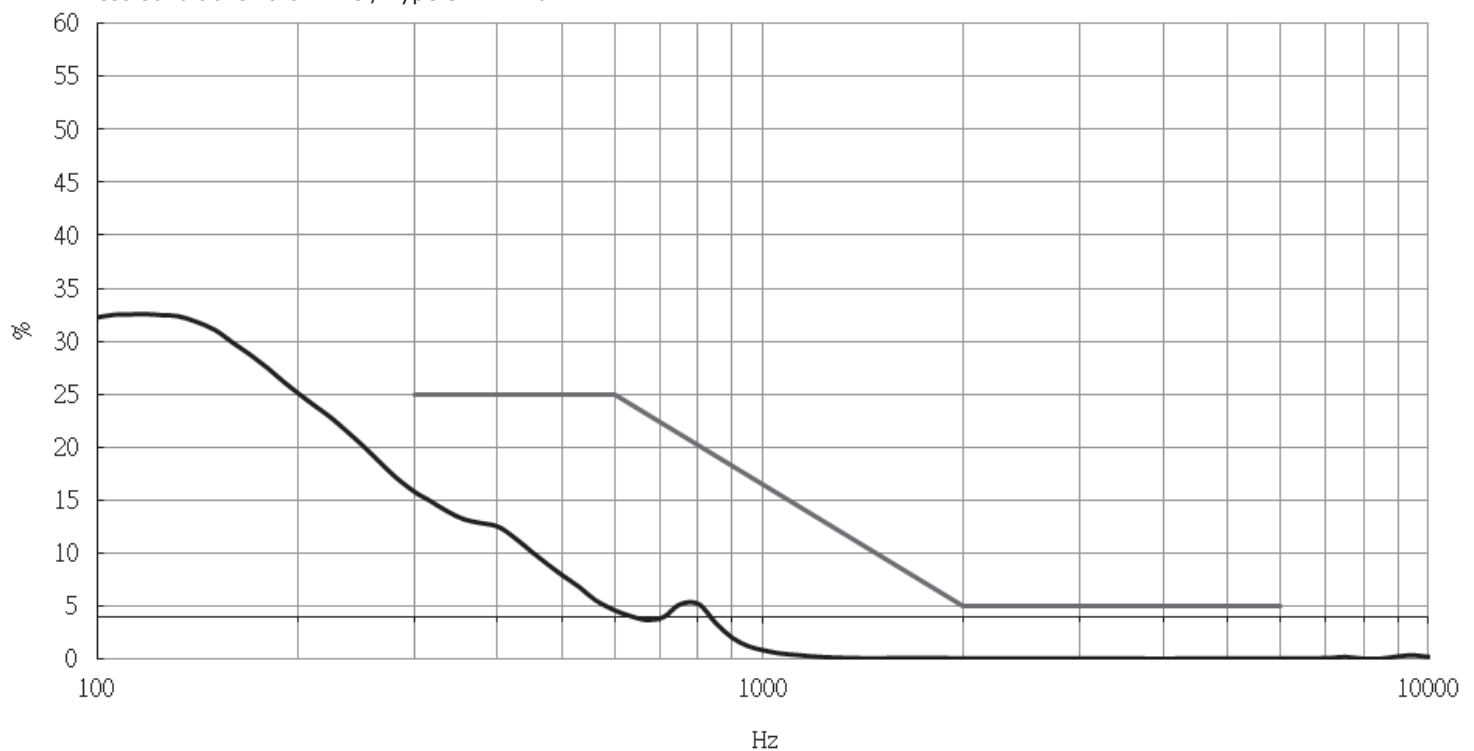
### Frequency Response Curve

Test Conditions: 0.8 Vrms / Type 3.2 HL Ear



### Total Harmonic Distortion Curve

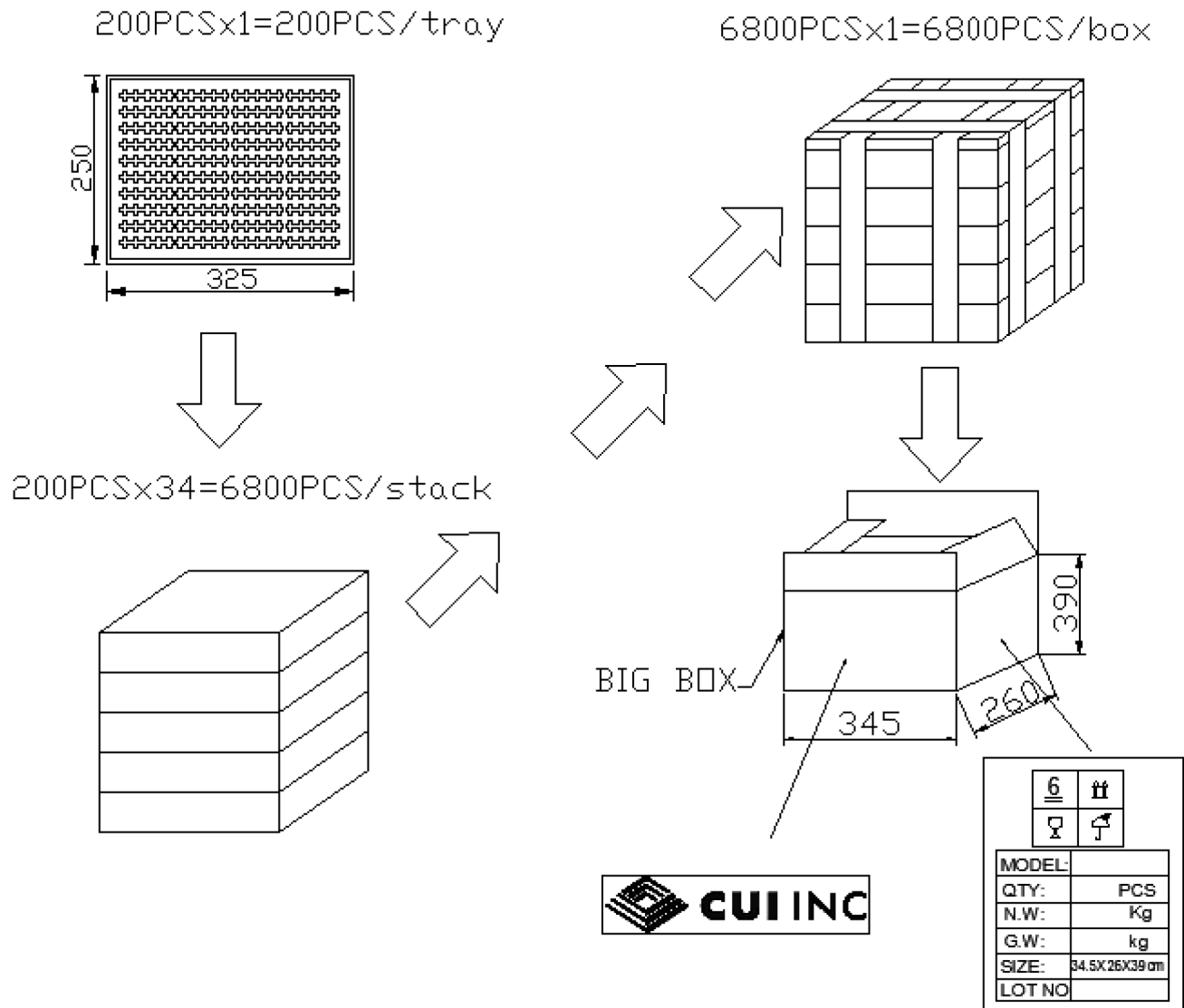
Test Conditions: 0.8 Vrms / Type 3.2 HL Ear



## PACKAGING

units: mm

Tray QTY: 200 pcs per tray  
Carton Size: 345 x 260 x 390 mm  
Carton QTY: 6,800 pcs per carton



## REVISION HISTORY

| rev. | description     | date       |
|------|-----------------|------------|
| 1.0  | initial release | 07/24/2018 |
| 1.01 | brand update    | 01/23/2020 |

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

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