

**MODEL:** CVS-2308 | **DESCRIPTION:** SPEAKER**FEATURES**

- plastic frame
- PET cone
- plastic case

**SPECIFICATIONS**

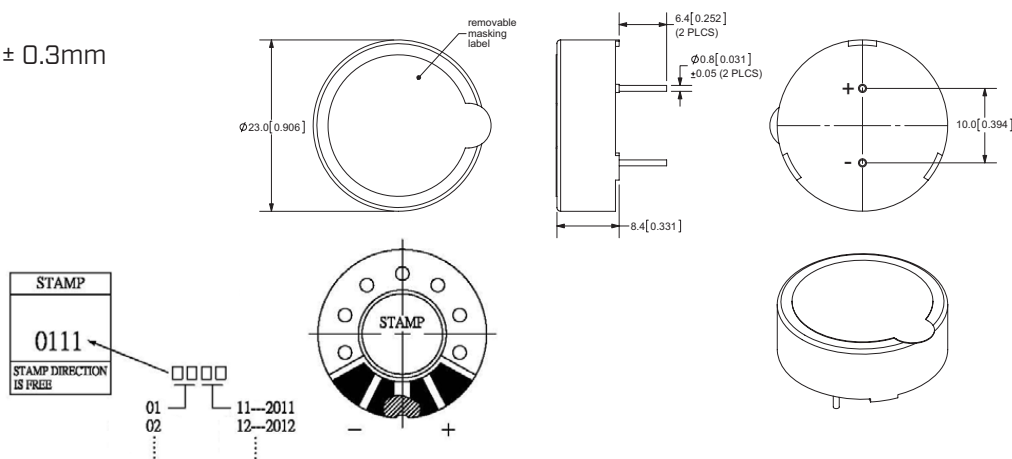
| parameter             | conditions/description                                                                 | min      | typ      | max      | units              |
|-----------------------|----------------------------------------------------------------------------------------|----------|----------|----------|--------------------|
| diameter              |                                                                                        |          | 23       |          | mm                 |
| depth                 |                                                                                        |          | 15       |          | mm                 |
| input power           | max. power: IEC-60268-5, filter 60 s on / 120 s off, 10 cycles at room temp            |          | 0.1      | 0.15     | W                  |
| impedance             | at 2 kHz, 1 V                                                                          | 6.8      | 8        | 9.2      | $\Omega$           |
| resonant frequency    | at 1 V                                                                                 | 1,200    | 1,500    | 1,800    | Hz                 |
| sound pressure level  | 0.1 W, 10 cm ave. at 2.0, 2.5, 3.0, 4.0 kHz<br>1 W, 1 m ave. at 2.0, 2.5, 3.0, 4.0 kHz | 85<br>74 | 88<br>77 | 91<br>80 | dB<br>dB           |
| response              |                                                                                        |          |          | 6,000    | Hz                 |
| distortion            | at 2 kHz, 0.1 W                                                                        |          |          | 10       | %                  |
| buzz, rattle, etc.    | must be normal at sine wave 0.89 V                                                     |          |          |          |                    |
| magnet size           | $\varnothing 6.5 \times 1.5$ mm                                                        |          |          |          |                    |
| operating temperature |                                                                                        | -20      |          | 55       | $^{\circ}\text{C}$ |
| weight                |                                                                                        |          | 3.2      |          | g                  |
| material              | ABS UL-94 1/16" HB (black)                                                             |          |          |          |                    |
| washable              | yes                                                                                    |          |          |          |                    |
| RoHS                  | yes                                                                                    |          |          |          |                    |

**SOLDERABILITY**

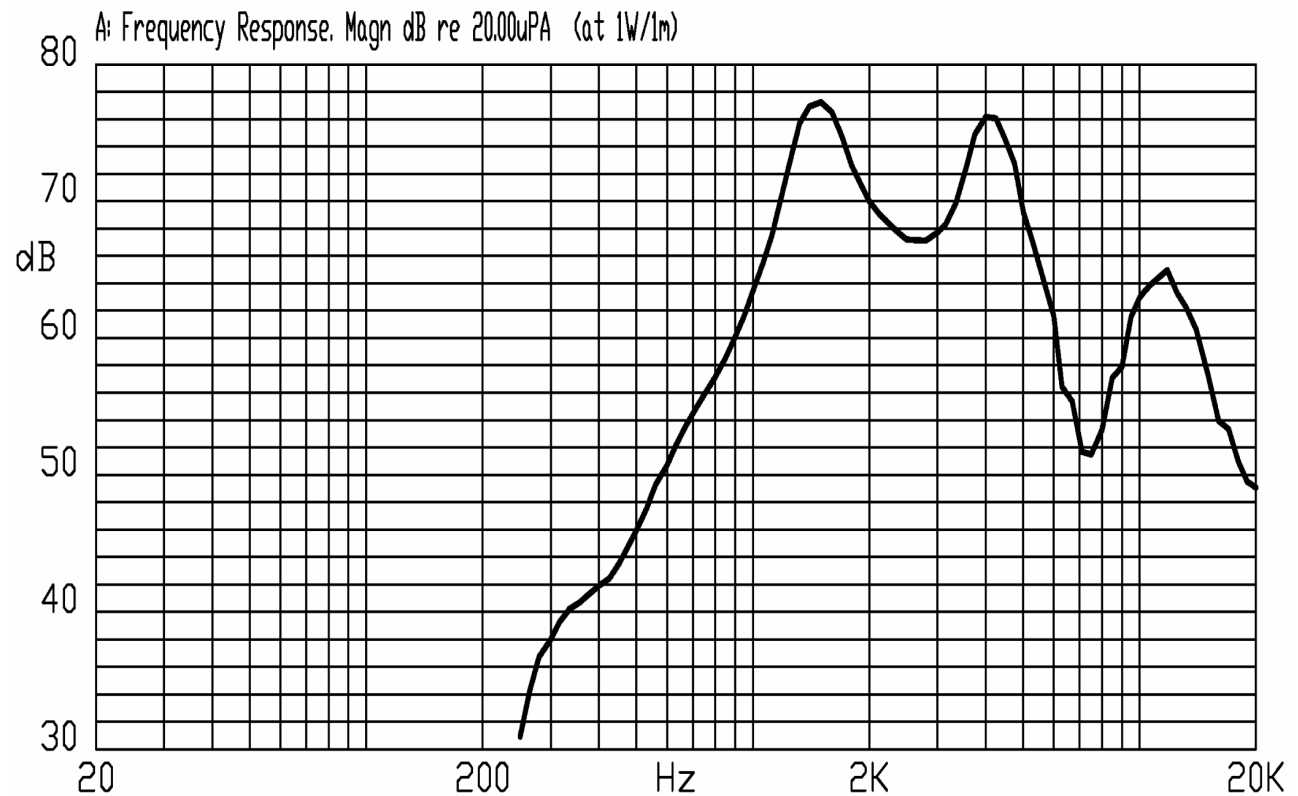
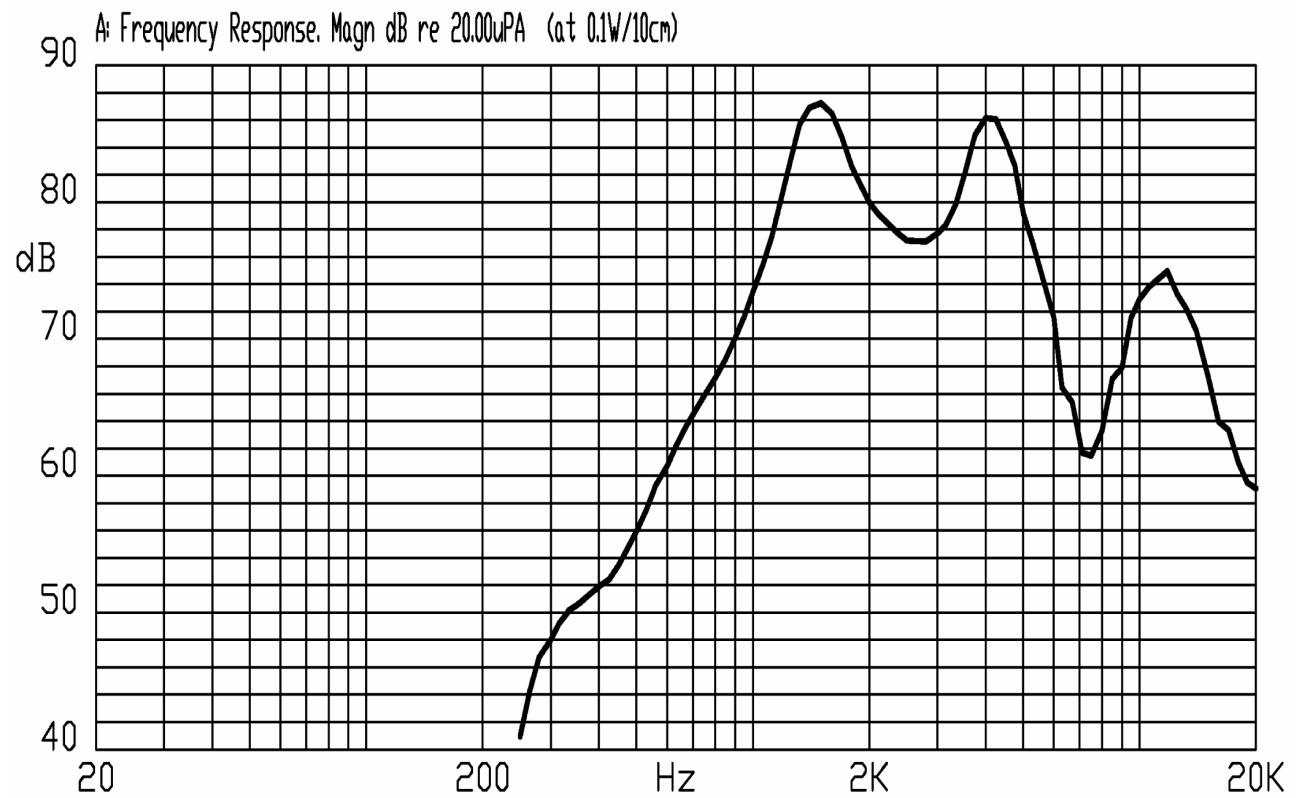
| parameter      | conditions/description                       |
|----------------|----------------------------------------------|
| hand soldering | 350 $\pm$ 5 $^{\circ}\text{C}$ for 3 seconds |

**MECHANICAL DRAWING**

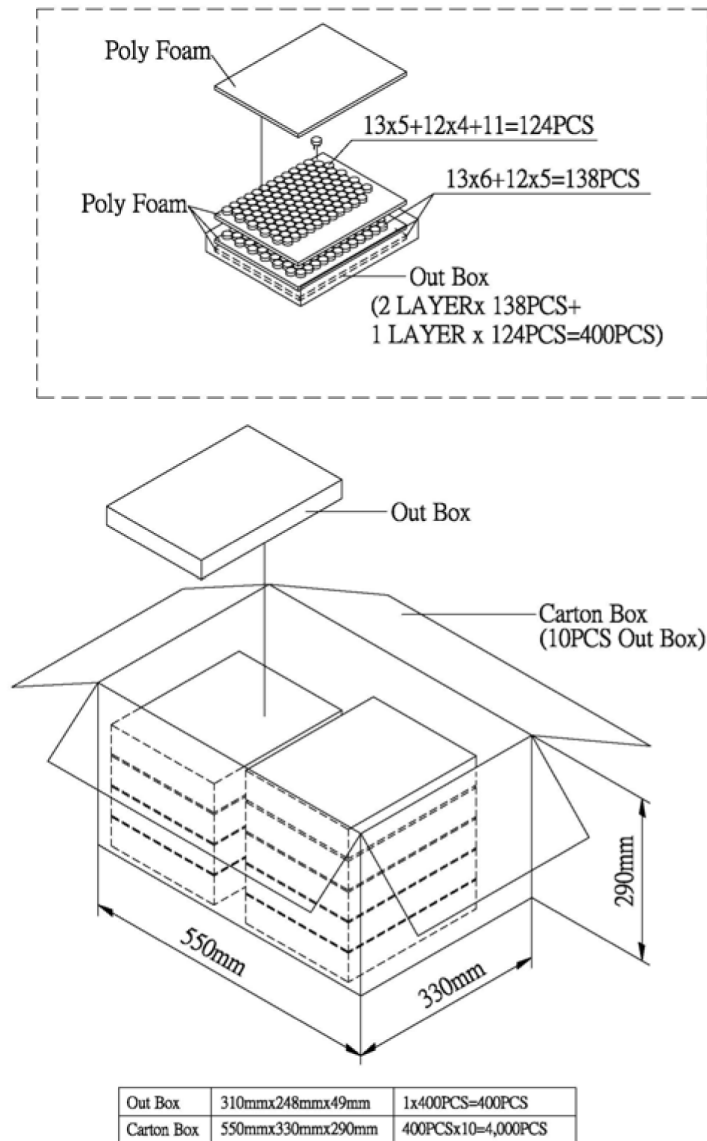
units: mm  
tolerance:  $\pm 0.3$ mm



## FREQUENCY RESPONSE CURVE



## PACKAGING



## REVISION HISTORY

| rev. | description                                     | date       |
|------|-------------------------------------------------|------------|
| 1.0  | initial release                                 | 11/15/2011 |
| 1.01 | changed solder time from 5 seconds to 3 seconds | 08/06/2012 |
| 1.02 | brand update                                    | 01/21/2020 |
| 1.03 | logo, datasheet style update                    | 08/05/2022 |

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



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