

**date** 11/08/2011

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MODEL: CDM-10008 | DESCRIPTION: SPEAKER

#### **FEATURES**

- · metal frame
- · mylar cone





### **SPECIFICATIONS**

| parameter             | conditions/description   | min      | typ      | max      | units    |
|-----------------------|--|----------|----------|----------|----------|
| diameter              |  |          | 10       |          | mm       |
| depth                 |  |          | 2.9      |          | mm       |
| input power           | max. power: IEC-60268-5, filter 60 s on / 120 s off, 10 cycles at room temp    |          | 0.3      | 0.5      | W        |
| impedance             | at 1.5 kHz, 1 V  | 6.8      | 8        | 9.2      | Ω        |
| resonant frequency    | at 1 V   | 960      | 1200     | 1,440    | Hz       |
| sound pressure level  | 0.3 W, 10 cm ave. at 1, 1.2, 1.5, 2 kHz<br>1 W, 1 m ave. at 1, 1.2, 1.5, 2 kHz | 83<br>69 | 86<br>72 | 89<br>75 | dB<br>dB |
| response              |  |          |          | 20,000   | Hz       |
| distortion            | at 1.5 kHz, 0.3 W  |          |          | 10       | %        |
| buzz, rattle, etc.    | must be normal at sine wave 1.55 V   |          |          |          |          |
| magnet size           | size: 5.3 x 1.0 mm   |          |          |          |          |
| operating temperature |  | -20      |          | 55       | °C       |
| weight                |  |          | 0.6      |          | g        |
| material              | metal  |          |          |          |          |
| RoHS                  | yes  |          |          |          |          |

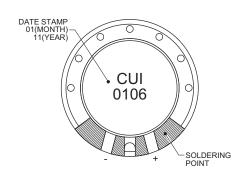
### **SOLDERABILITY**

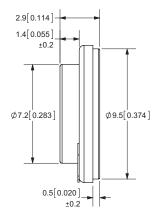
| parameter      | conditions/description     |
|----------------|----------------------------|
| hand soldering | 370 ±10°C for 3 ±1 seconds |

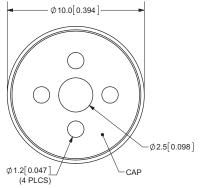
### **MECHANICAL DRAWING**

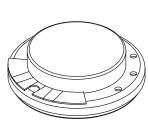
units: mm

tolerance: ± 0.2mm

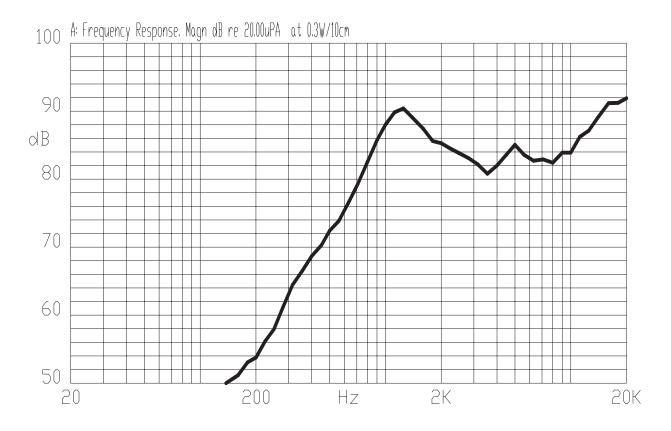


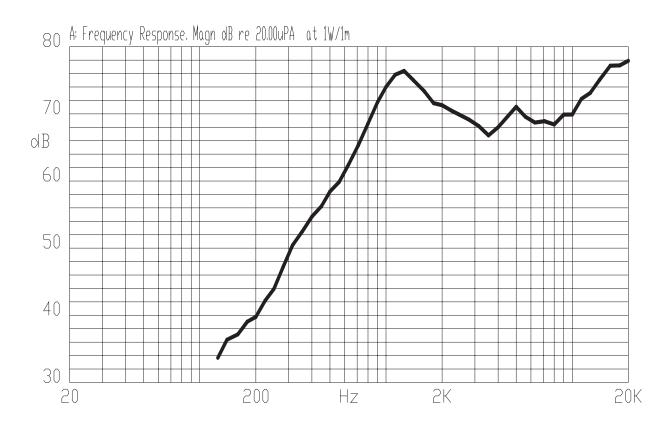




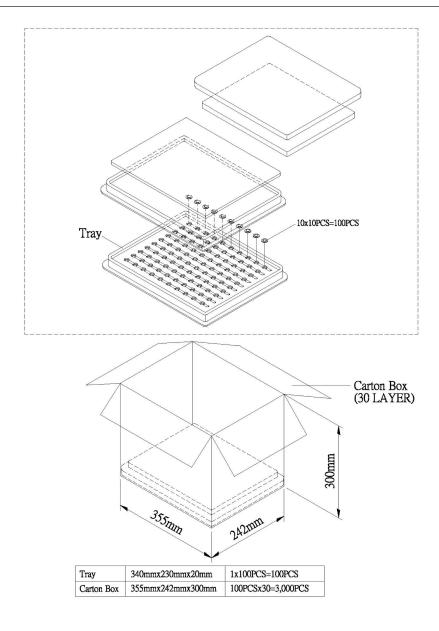


# **FREQUENCY RESPONSE CURVE**





## **PACKAGING**



#### **REVISION HISTORY**

| rev. | description     | date       |
|------|-----------------|------------|
| 1.0  | initial release | 11/08/2011 |

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



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