CUDEVICES



# **MODEL:** CDM-20008 | **DESCRIPTION:** SPEAKER

### FEATURES

- metal frame
- PEN cone

RoHS

## SPECIFICATIONS

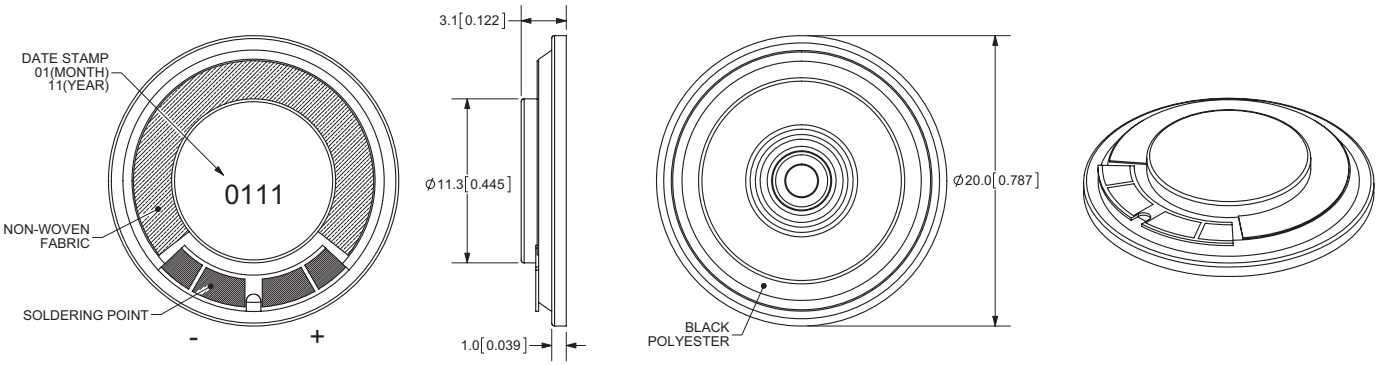
| parameter | conditions/description | min | typ | max | units |
|---|---|---|---|---|---|
| diameter | | | 20 | | mm |
| depth | | | 3.1 | | mm |
| input power | max. power: IEC-60268-5, filter 60 s on / 120 s off, 10 cycles at room temp | | 0.3 | 0.5 | W |
| impedance | at 1 kHz, 1 V | 6.8 | 8 | 9.2 | Ω |
| resonant frequency | at 1 V | 448 | 560 | 672 | Hz |
| sound pressure level | 0.3 W, 10 cm ave. at 1.0, 1.2, 1.5, 2.0 kHz | 89 | 92 | 95 | dB |
| response | | | | 7,000 | Hz |
| distortion | at 1 kHz, 0.3 W | | | 5 | % |
| buzz, rattle, etc. | must be normal at sine wave 1.54 V | | | | |
| magnet size | 8.0 x 1.0 mm (Nd-Fe-B) | | | | |
| operating temperature | | -20 | | 55 | °C |
| weight | | | 2.3 | | g |
| material | metal | | | | |
| RoHS | yes | | | | |

## SOLDERABILITY

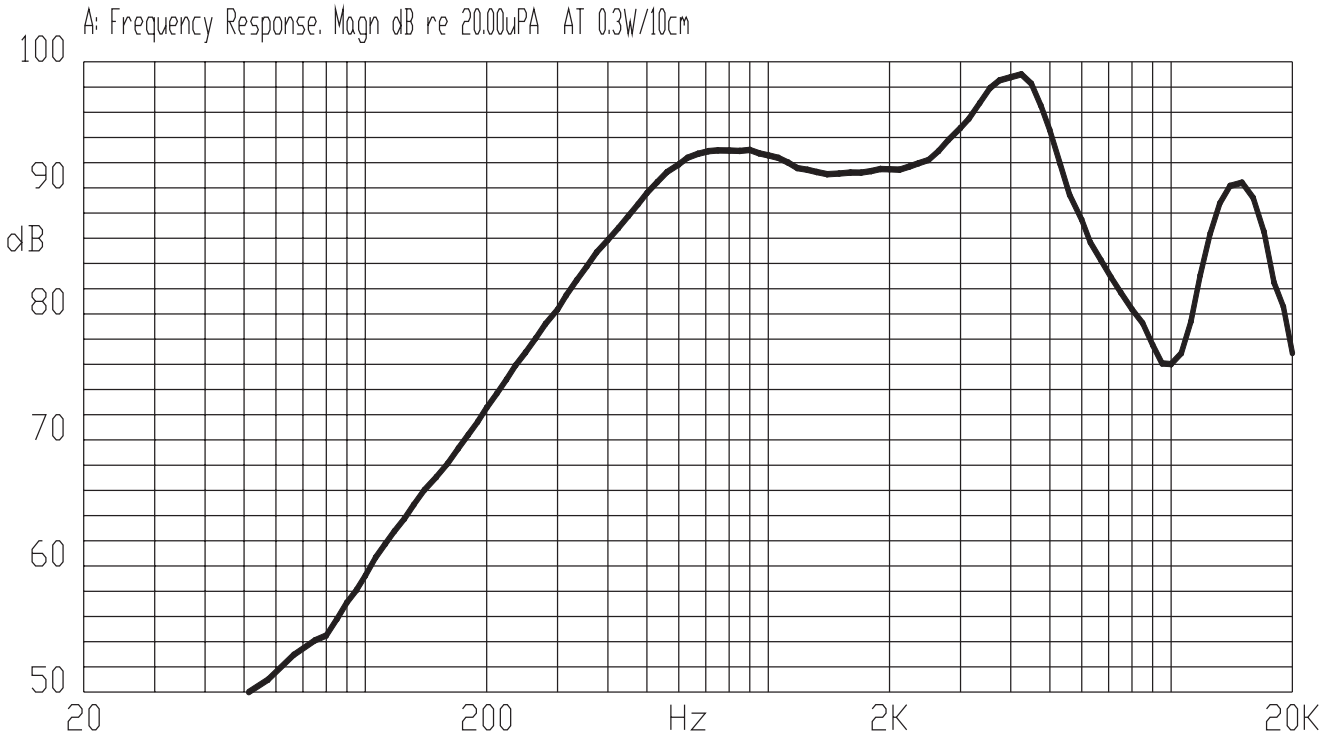
| parameter | conditions/description |
|---|---|
| hand soldering | 370 ±10°C for 3 ±1 seconds |

## MECHANICAL DRAWING

units: mm
tolerance: ± 0.5mm



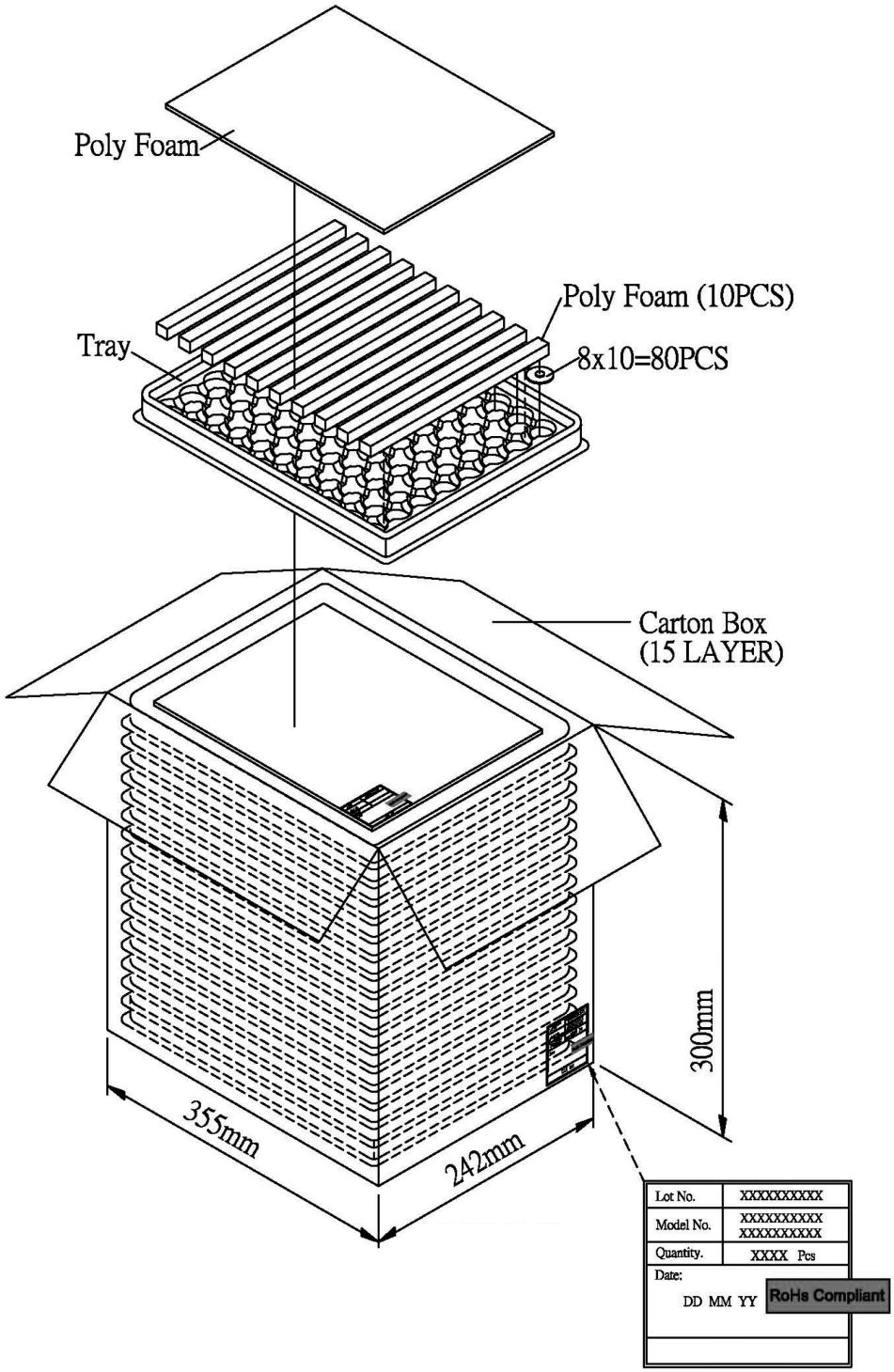
## FREQUENCY RESPONSE CURVE



## PACKAGING

units: mm

Tray QTY: 80 pcs per tray
Carton Size: 355 x 242 x 300 mm
Carton QTY: 1,200 pcs per carton



## REVISION HISTORY

| rev. | description | date |
|---|---|---|
| 1.0 | initial release | 11/09/2011 |
| 1.01 | updated datasheet | 12/12/2017 |
| 1.02 | updated packaging QTY, brand update | 12/17/2019 |
| 1.03 | logo, datasheet style update | 08/05/2022 |

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