

MODEL: CDM-16008 | **DESCRIPTION:** SPEAKER**FEATURES**

- metal frame
- PEN cone

**SPECIFICATIONS**

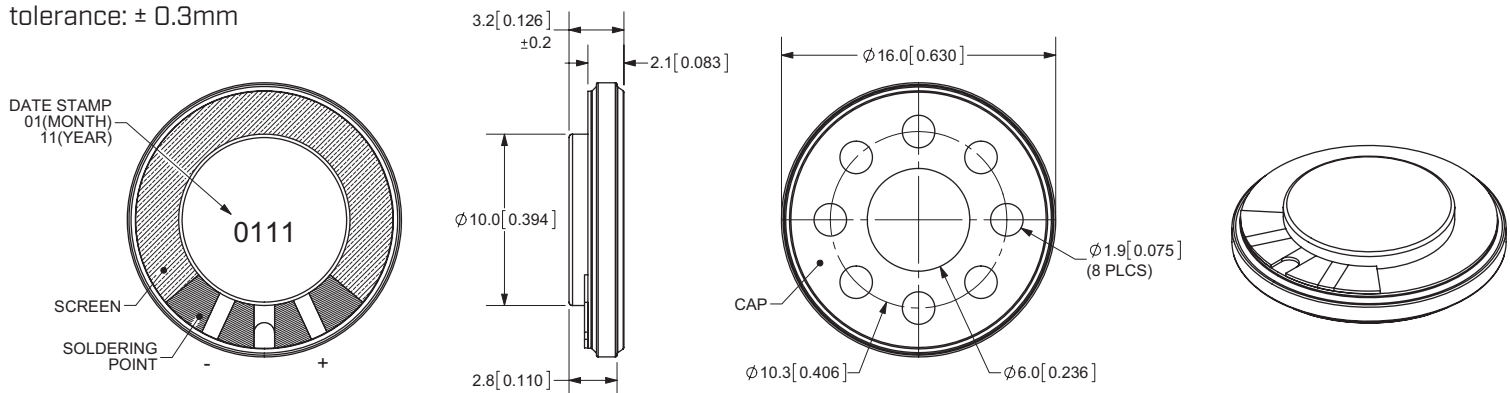
parameter	conditions/description	min	typ	max	units
diameter			16		mm
depth			3.2		mm
input power	max. power: IEC-60268-5, filter 80 s on / 120 s off, 10 cycles at room temp		0.4	0.6	W
impedance	at 2 kHz, 1 V	6.8	8	9.2	Ω
resonant frequency	at 1 V	640	800	960	Hz
sound pressure level	0.4 W, 10 cm ave. at 1, 1.2, 1.5, 2.0 kHz 1 W, 1 m ave. at 1, 1.2, 1.5, 2.0 kHz	90 75	93 78	96 81	dB dB
response				20,000	Hz
distortion	at 1.5 kHz, 0.4 W			10	%
buzz, rattle, etc.	must be normal at sine wave 1.79 V				
operating temperature		-40		85	$^{\circ}\text{C}$
weight			1.51		g
material	metal				
RoHS	yes				

SOLDERABILITY

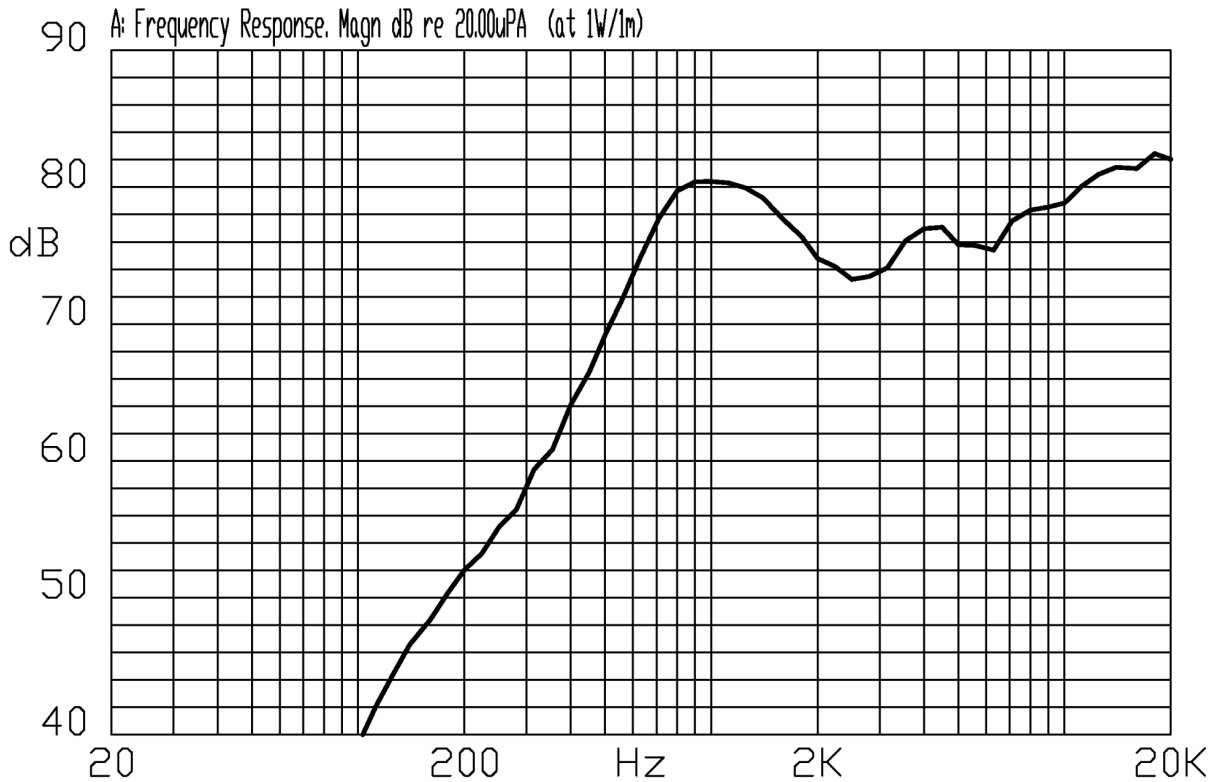
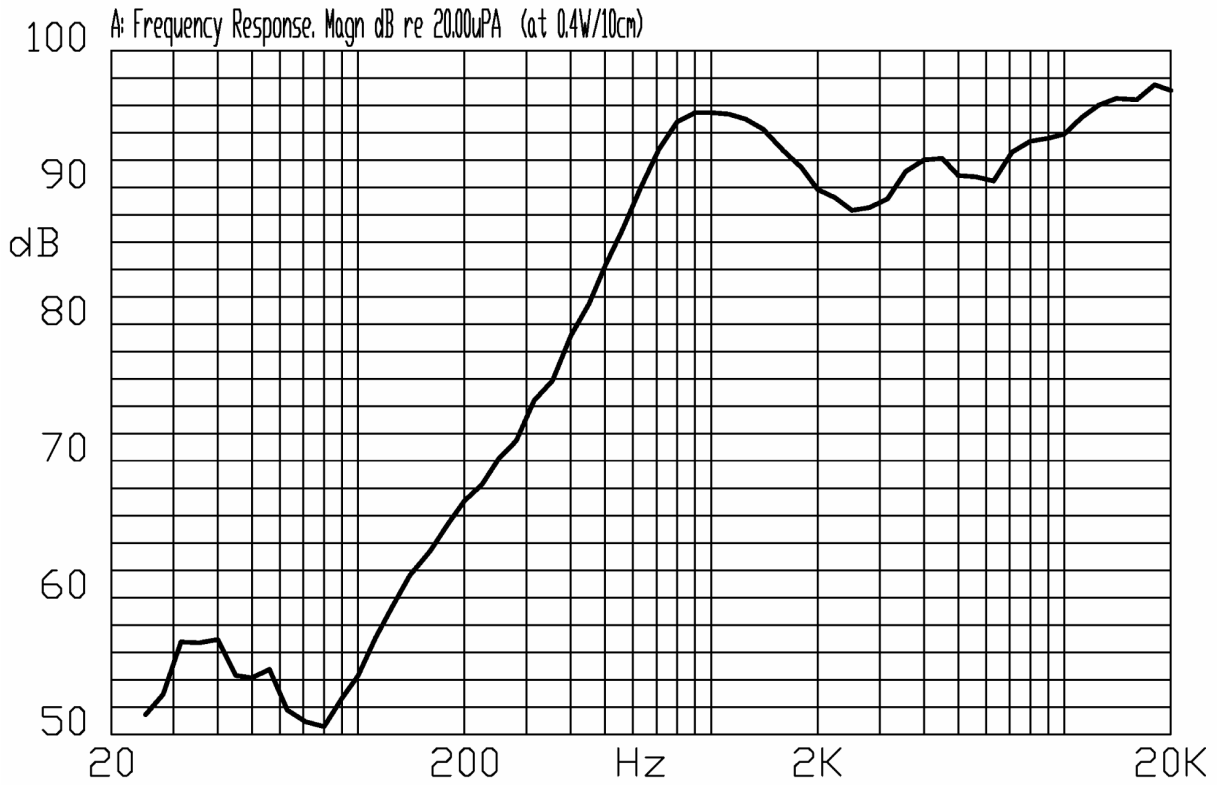
parameter	conditions/description
hand soldering	370 \pm 10 $^{\circ}\text{C}$ for 3 \pm 1 seconds

MECHANICAL DRAWING

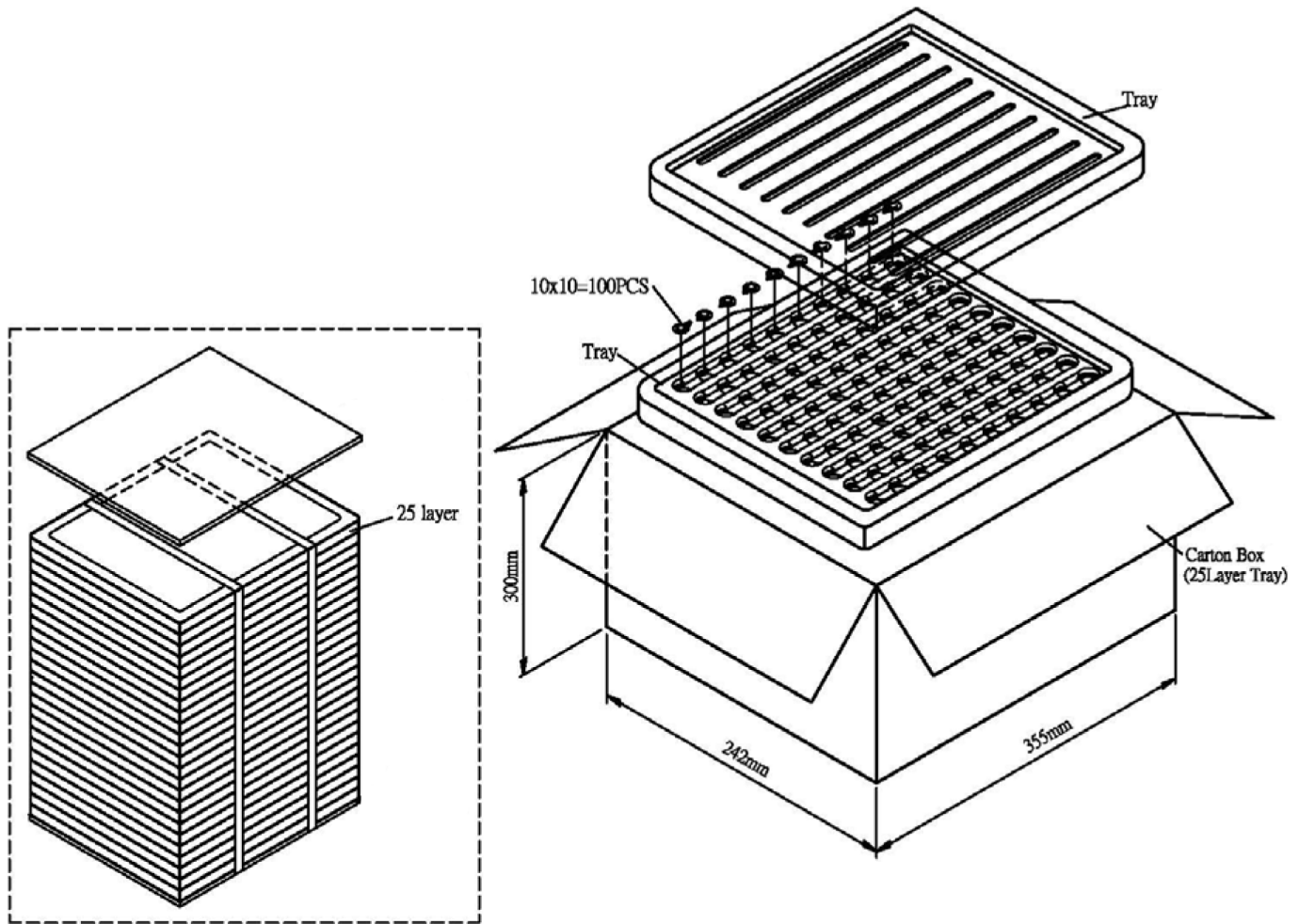
units: mm

tolerance: \pm 0.3mm

FREQUENCY RESPONSE CURVE



PACKAGING



Tray	345mmx235mmx20mm	1x100PCS=100PCS
Carton Box	355mmx242mmx300mm	100PCSx25=2500PCS

REVISION HISTORY

rev.	description	date
1.0	initial release	11/08/2011
1.01	brand update	01/22/2020
1.02	logo, datasheet style update	08/05/2022
1.03	CUI Devices rebranded to Same Sky	09/11/2024

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



Same Sky offers a one (1) year limited warranty. Complete warranty information is listed on our website.

Same Sky reserves the right to make changes to the product at any time without notice. Information provided by Same Sky is believed to be accurate and reliable. However, no responsibility is assumed by Same Sky for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

[sameskydevices.com](https://www.sameskydevices.com)