

**MODEL:** CDMG15008-03A | **DESCRIPTION:** SPEAKER**FEATURES**

- 15 mm round frame
- 0.3 W input power
- 8.0 Ohm
- PEI cone
- neodymium magnet

**SPECIFICATIONS**

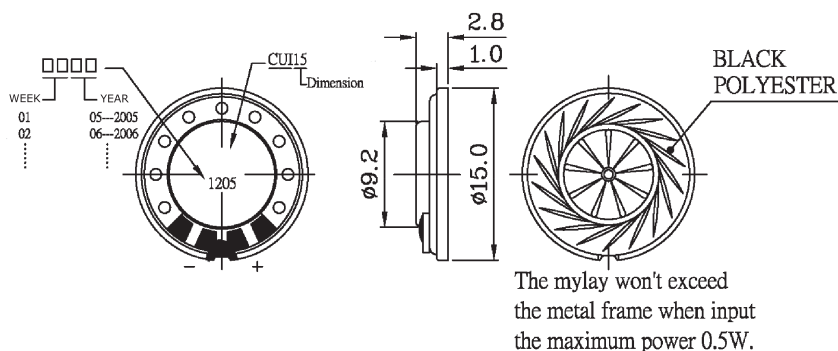
parameter	conditions/description	min	typ	max	units
input power	max. power: IEC-60268-5, filter 60 s on / 120 s off, 10 cycles at room temp		0.3	0.5	W
impedance	at 1.5 kHz, 1 V	6.8	8	9.2	$\Omega$
resonant frequency	at 1 V	720	900	1,080	Hz
response				20,000	Hz
sound pressure level	at 0.3 W, 10 cm ave. at 1.0, 1.2, 1.5, 2.0 kHz	87	92	95	dB
	at 1.0 W, 1 m ave. at 1.0, 1.2, 1.5, 2.0 kHz	85	88	91	dB
distortion	at 1.5 kHz, 0.3 W			10	%
buzz, rattle, etc.	must be normal at sine wave between Fo-20 kHz			1.55	V
dimensions	$\varnothing 15 \times 2.8$				mm
magnet	Nd-Fe-B				
material	metal				
cone material	PEI				
terminal	solder pads				
operating temperature		-40		85	$^{\circ}\text{C}$
weight			1.2		g
RoHS	yes				

**SOLDERABILITY**

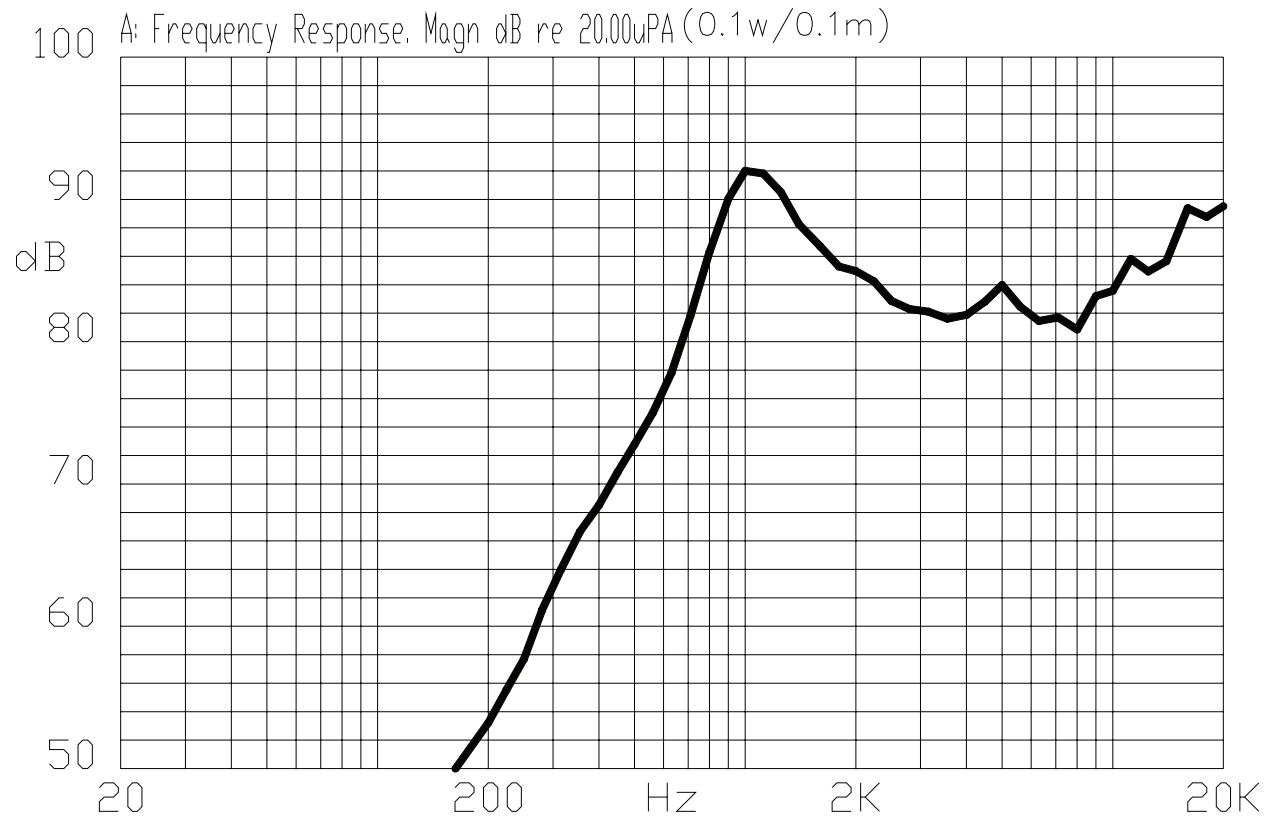
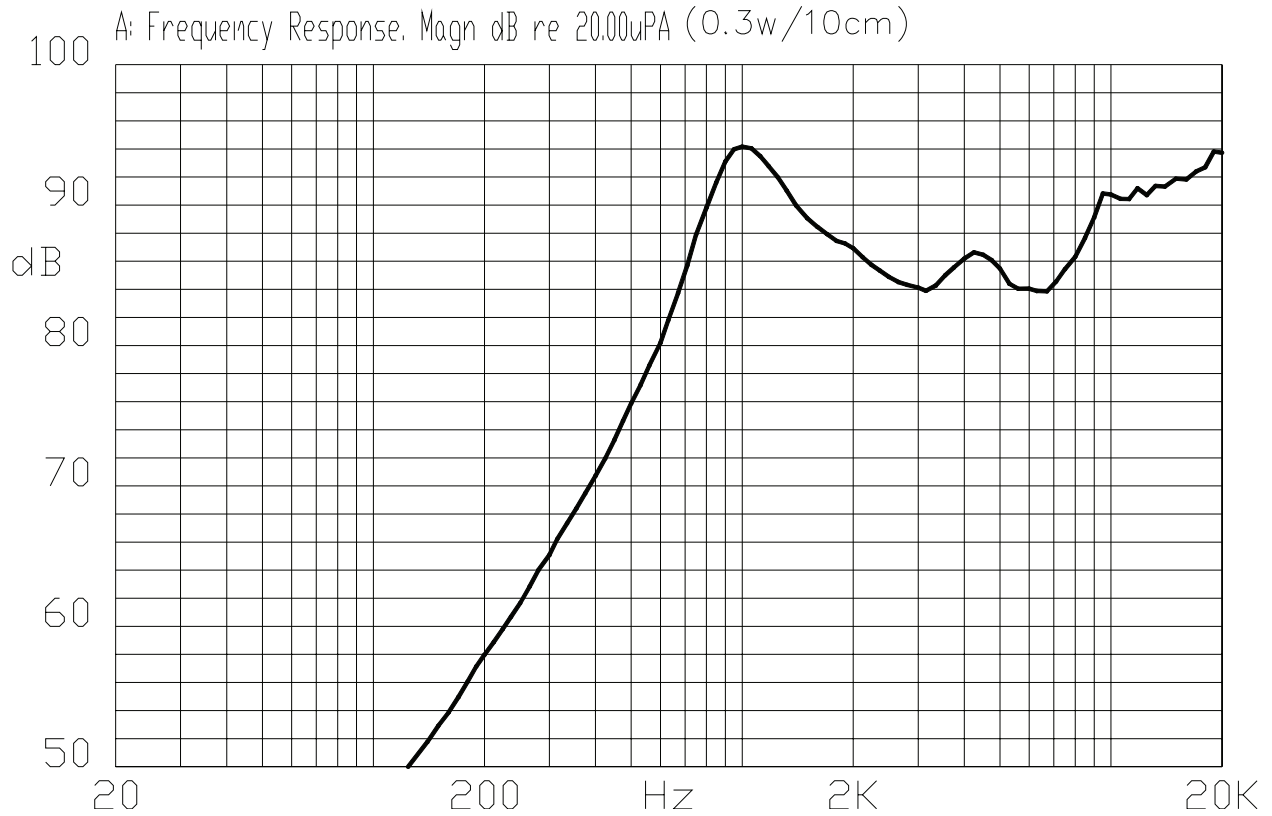
parameter	conditions/description	min	typ	max	units
hand soldering	for 3 $\pm$ 1 seconds	360	370	380	$^{\circ}\text{C}$

**MECHANICAL DRAWING**

units: mm  
tolerance:  $\pm 0.2$  mm



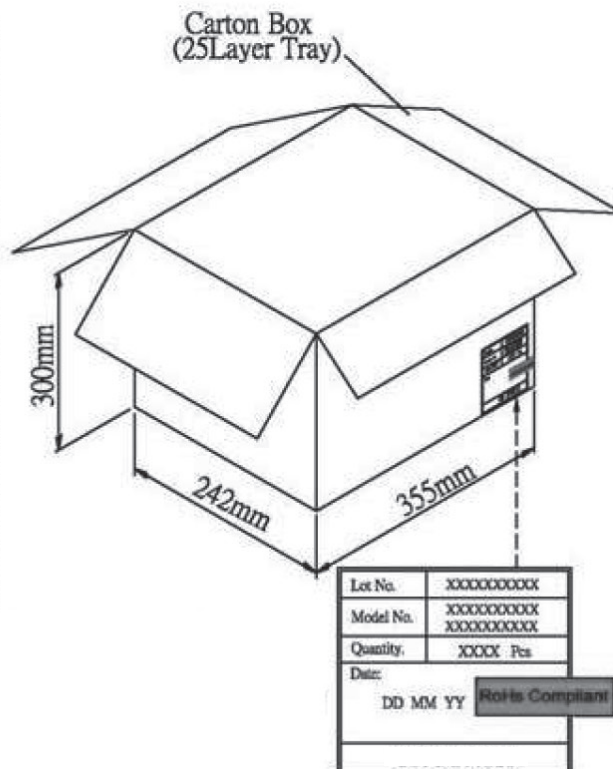
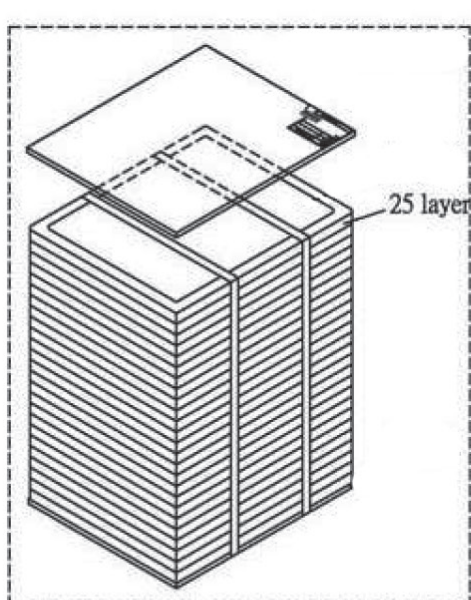
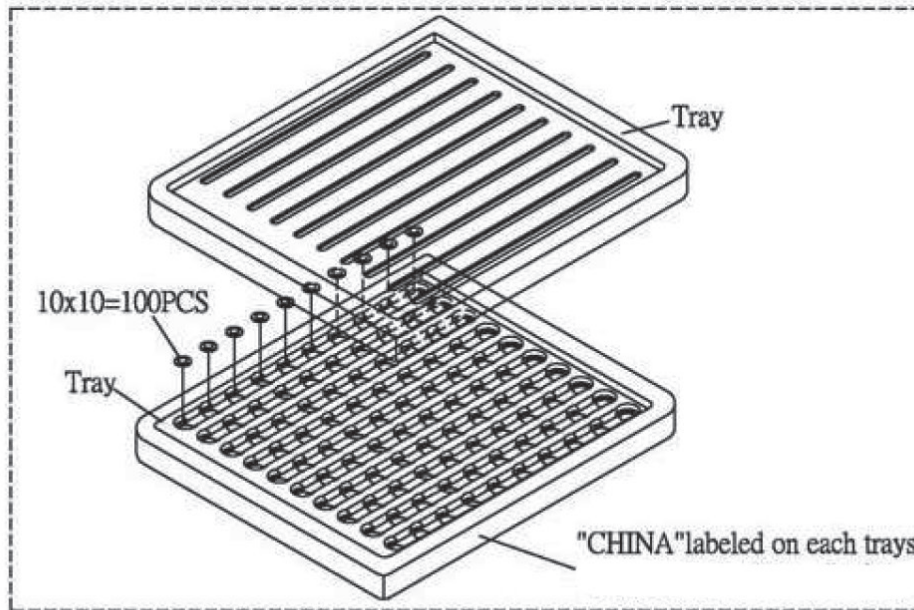
## FREQUENCY RESPONSE CURVE



## PACKAGING

units: mm

Tray Size: 350 x 235 x 20 mm  
 Tray QTY: 100 pcs per tray  
 Carton Size: 355 x 242 x 300 mm  
 Carton QTY: 2,500 pcs per carton



## REVISION HISTORY

rev.	description	date
1.0	initial release	12/06/2006
1.01	brand update	04/15/2021
1.02	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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