



## MODEL: CMS-40208N | DESCRIPTION: SPEAKER

### FEATURES

- 650 Hz resonant frequency
- 98 dB SPL
- Nd-Fe-B magnet



### SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
input power	maximum power: IEC-60268-5, filter 60s on/120s off, 10 cycles at room temp		1.0	1.5	W
impedance	at 1.0 V, 2.0 kHz	6.8	8	9.2	$\Omega$
resonant frequency (Fo)	at 1.0 V	520	650	780	Hz
frequency response	output SPL -10 dB	Fo		13,000	Hz
sound pressure level	at 1.0 W, 0.1 m ave, at 0.8, 1.0, 1.2, 1.5 kHz	95	98	101	dB
distortion	at 1.0 kHz, 1.0 W			10	%
buzz, rattle, etc.	must be normal at sine wave between Fo ~ 20,000 Hz		2.83		V
dimensions	40 x 20 x 8.4				mm
magnet	Nd-Fe-B				
material	ABS				
cone material	cloth				
terminal	solder terminals				
weight			7		g
operating temperature		-30		70	$^{\circ}\text{C}$
storage temperature		-40		85	$^{\circ}\text{C}$
RoHS	yes				

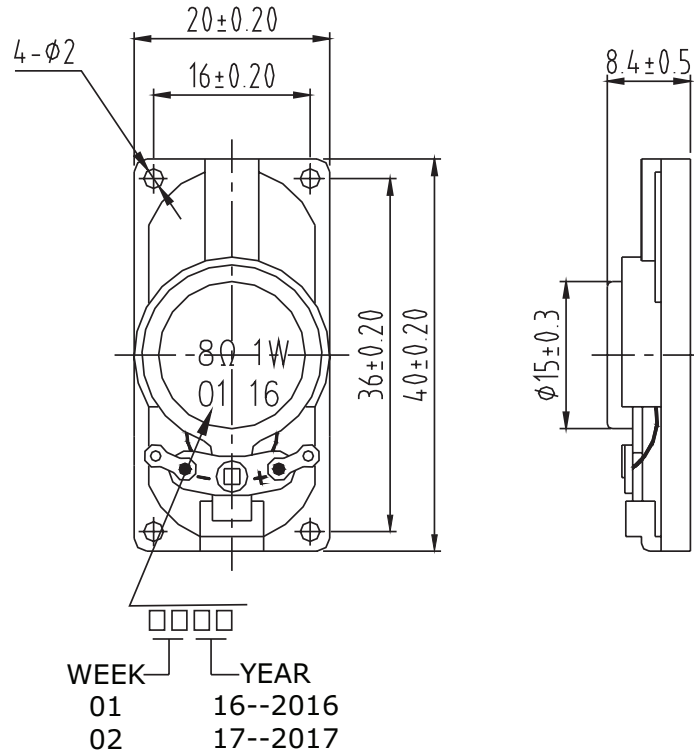
Notes: 1. All specifications measured at 5-35 $^{\circ}\text{C}$ , humidity at 45-85%, under 86-106 kPa pressure, unless otherwise noted.

### SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 3 seconds	370	380	390	$^{\circ}\text{C}$

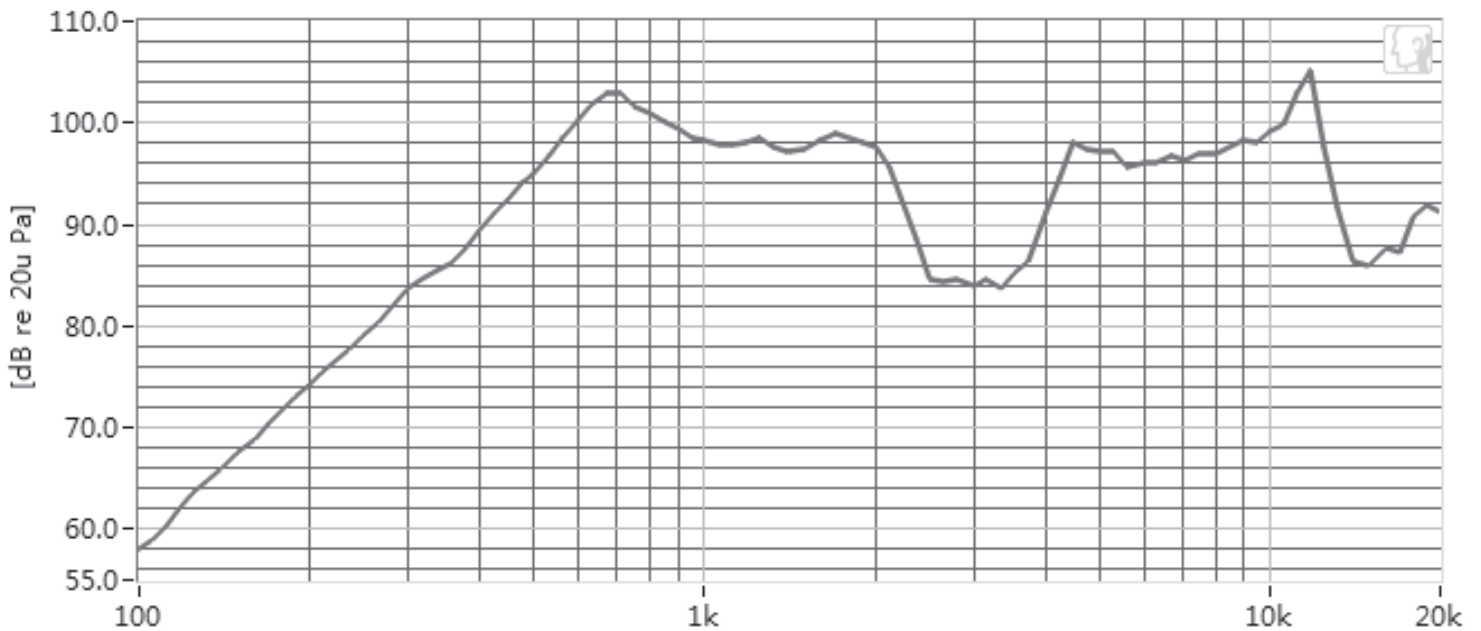
## MECHANICAL DRAWING

units: mm  
tolerance: ±0.5 mm



## FREQUENCY RESPONSE CURVE

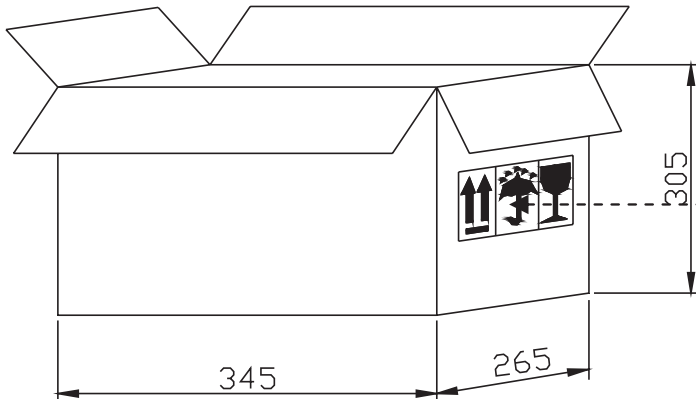
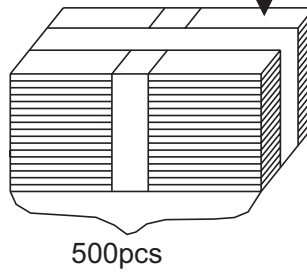
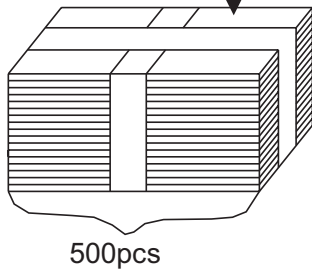
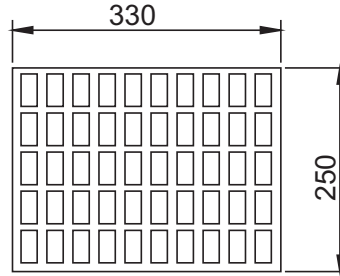
Frequency Response.Magn dB re 20.00μ PA (at 1 W / 0.1 m)




## PACKAGING

units: mm

Tray Size: 330 x 250 x 13 mm  
 Carton Size: 345 x 265 x 305 mm  
 Tray QTY: 50 pcs per tray  
 Carton QTY: 1,000 pcs per carton



Lot No.	XXXXXXXXXX
Model No.	Inv# XXXXXXXXXXXX Part# XXXXXXXXXXXX
Quantity.	XXXX Pcs
Date:	DD MM YY 
MADE IN CHINA	

\* The label stuck on inner boxes and the outer of carton.

## REVISION HISTORY

rev.	description	date
1.0	initial release	06/23/2016
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.

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