

**MODEL:** CMS-40288N | **DESCRIPTION:** SPEAKER**FEATURES**

- 85 dB SPL
- 550 Hz resonant frequency
- 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		2.0	3.0	W
impedance	at 1.5 kHz	6.8	8	9.2	Ω
resonant frequency (Fo)		440	550	660	Hz
frequency response	output SPL -10 dB	Fo		20,000	Hz
sound pressure level	at 1 W, 0.3 m ave, at 0.8, 1.0, 1.2, 1.5 kHz	82	85	88	dB
distortion	at 2.0 kHz, 1 W			5	%
buzz, rattle, etc.	must be normal at sine wave between Fo ~ 20,000 Hz		4.0		V
dimensions	40.0 x 28.2 x 11.8				mm
magnet	Nd-Fe-B				
material	ABS				
cone material	cloth				
terminal	solder terminals				
weight			12.6		g
operating temperature		-30		70	$^{\circ}\text{C}$
storage temperature		-40		85	$^{\circ}\text{C}$
RoHS	yes				

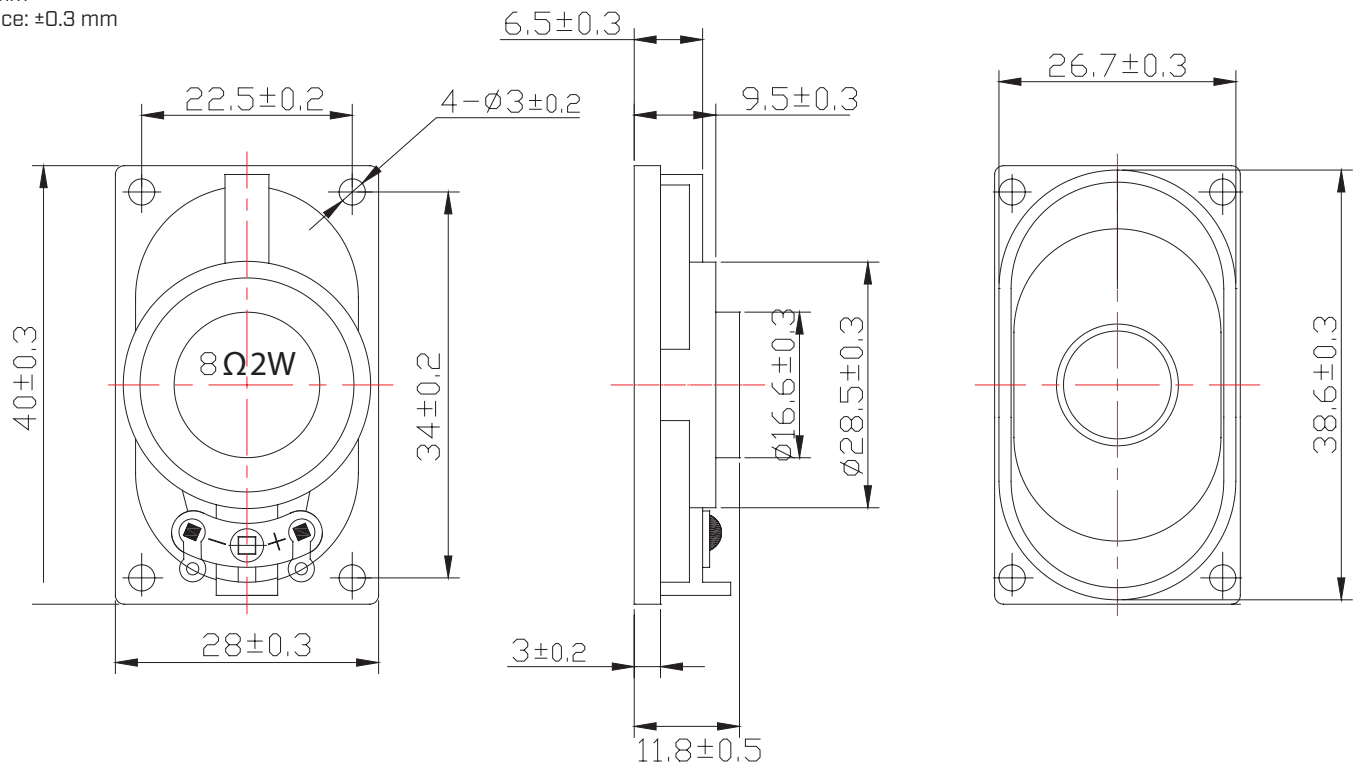
Notes: 1. All specifications measured at 5-35 $^{\circ}\text{C}$, humidity at 45-85%, under 86-106 kPa pressure, unless otherwise noted.

SOLDERABILITY

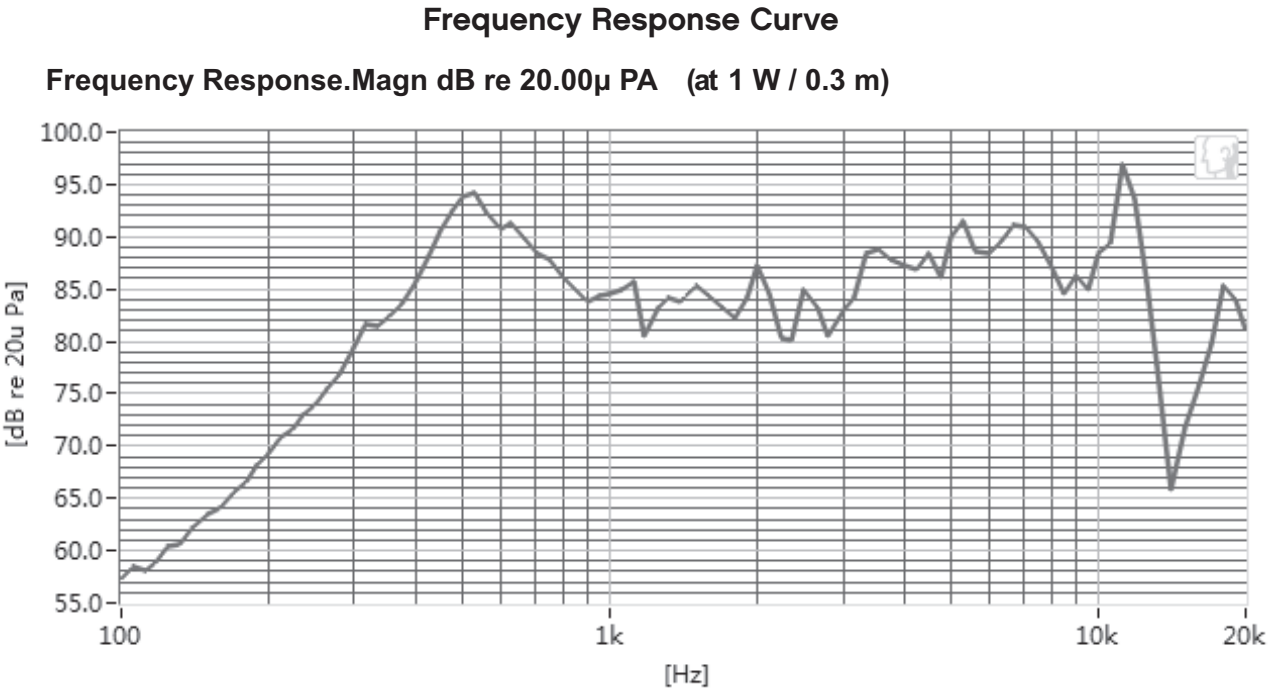
parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 3 seconds	370	380	390	$^{\circ}\text{C}$

MECHANICAL DRAWING

units: mm
tolerance: ± 0.3 mm



RESPONSE CURVES



THIELE-SMALL PARAMETERS

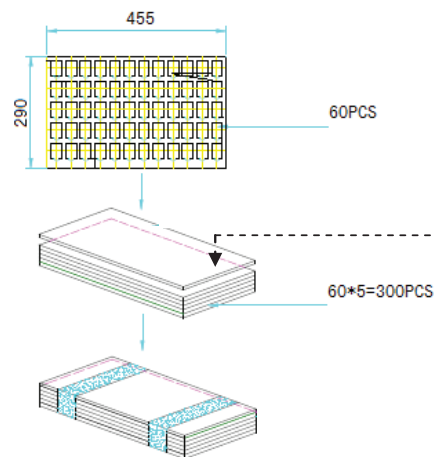
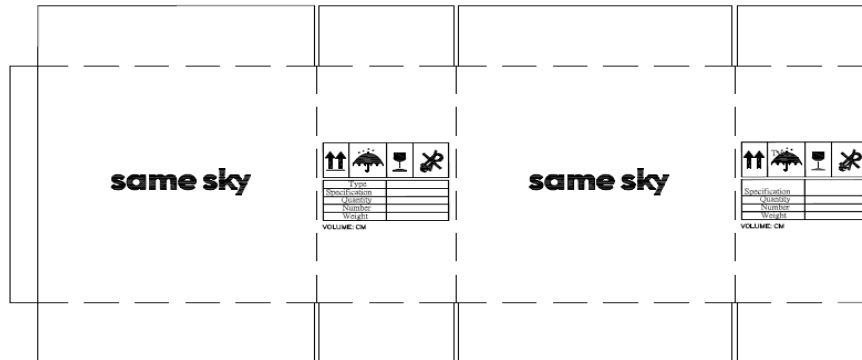
parameter	conditions/description	typ
Mechanical Q Factor	Qms	5.888
Electrical Q Factor	Qes	7.993
Total Q Factor	Qts	3.39
Compliance Equivalent Volume	Vas	0.0186

Notes: 2. Results represent typical performance in Free Air conditions.

PACKAGING

units: mm

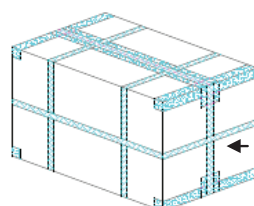
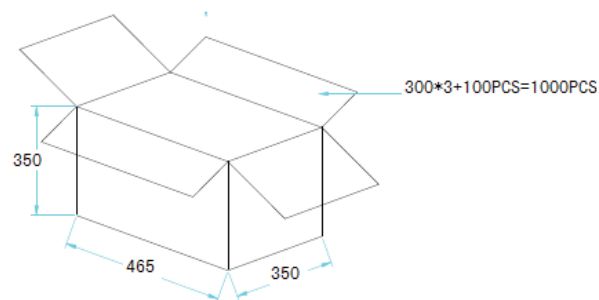
Tray Size: 455 x 290 x 15 mm
Carton Size: 465 x 350 x 350 mm
Tray QTY: 60 pcs per tray
Carton QTY: 1,000 pcs per carton



Lot No.	XXXXXXXXXX
Part No.	Inv#. XXXXXXXXXX Part#. XXXXXXXXXX
Quantity	XXXX Pcs
Date:	WW YY
MADE IN CHINA	
Same Sky	

RoHS Compliant

(1P)Same Sky Catalog#	XXXXXXXXXX
(Q)Quantity: XXXX	(4L)COO:CN
(1T)Lot Number: XXXXXXXXXX	
(10D)Date Code: XXXX	
RoHS compliant	



Lot No.	XXXXXXXXXX
Part No.	Inv#. XXXXXXXXXX Part#. XXXXXXXXXX
Quantity	XXXX Pcs
Date:	WW YY
MADE IN CHINA	
Same Sky	

RoHS Compliant

REVISION HISTORY

rev.	description	date
1.0	initial release	06/23/2016
1.01	brand update	01/23/2020
1.02	logo, datasheet style update	08/05/2022
1.03	CUI Devices rebranded to Same Sky	09/11/2024
1.04	added Thiele-Small Parameters	02/07/2025

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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