

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	2011/65/EU				

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	$^{\circ}\text{C}$

units: mm
tolerance: ± 0.3 mm

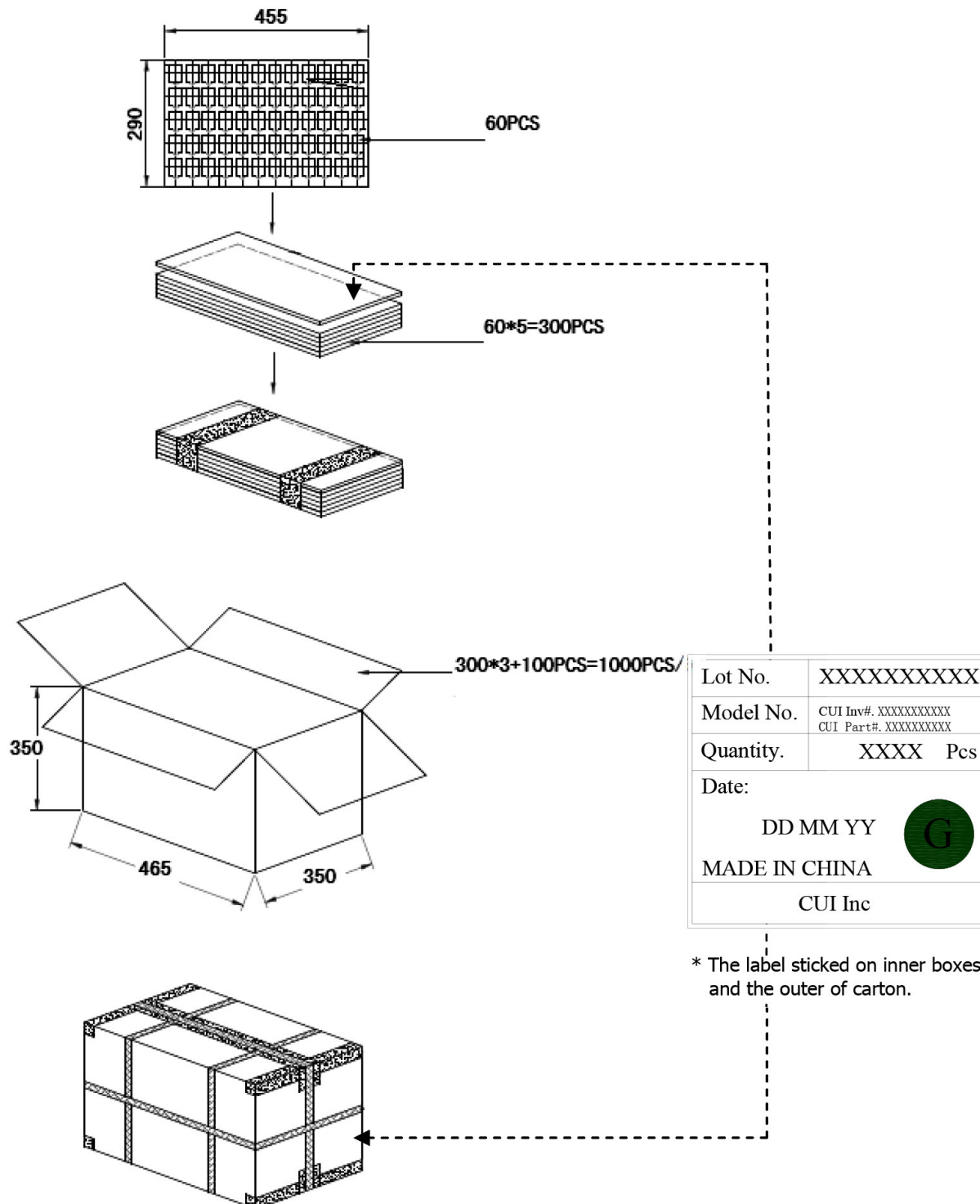


The graph displays the frequency spectrum of a speech signal. The x-axis represents frequency in Hz on a logarithmic scale, ranging from 100 to 20k. The y-axis represents the amplitude in dB re 20u Pa, ranging from 55.0 to 100.0. The spectrum shows a rising curve from 100 Hz to about 500 Hz, followed by a series of peaks and valleys between 500 Hz and 10k Hz, and a sharp drop around 15k Hz.

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



REVISION HISTORY

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

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



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