

MODEL: CMS-28528N-L152 | **DESCRIPTION:** SPEAKER**FEATURES**

- 750 Hz resonant frequency
- Nd-Fe-B magnet
- wire leads

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
input power	maximum power: IEC-60268-5, filter 50s on/120s off, 10 cycles at room temp		2.0	3.0	W
impedance	at 2.0 kHz, 1.0 V	6.8	8	9.2	Ω
resonant frequency (Fo)	at 1.0 V	600	750	900	Hz
frequency response	output SPL -10 dB	Fo		20,000	Hz
sound pressure level	at 1.0 W, 0.1 m ave, at 0.8, 1.0, 1.2, 1.5 kHz	96	99	102	dB
	at 2.0 W, 0.5 m ave, at 0.8, 1.0, 1.2, 1.5 kHz	85	88	91	dB
distortion	at 1.0 kHz, 1.0 W			5	%
buzz, rattle, etc.	must be normal at sine wave between Fo ~ 20,000 Hz		4.0		V
dimensions	Ø28 x 5.2				mm
magnet	Nd-Fe-B				
material	SPCC				
cone material	mylar				
terminal	wire leads				
weight			7.8		g
operating temperature		-20		55	°C
storage temperature		-30		60	°C
RoHS	yes				

Notes: 1. All specifications measured at 15~35°C, humidity at 45~85%, under 86~106 kPa pressure, unless otherwise noted.

SOLDERABILITY

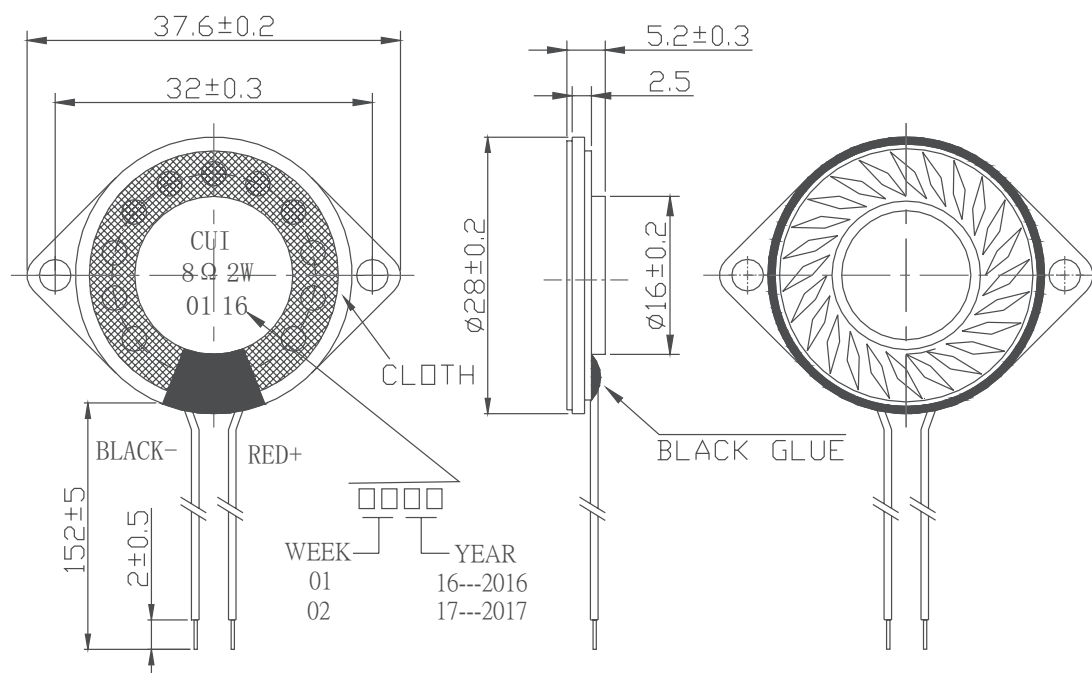
parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 3 seconds	370	380	390	°C

MECHANICAL DRAWING

units: mm

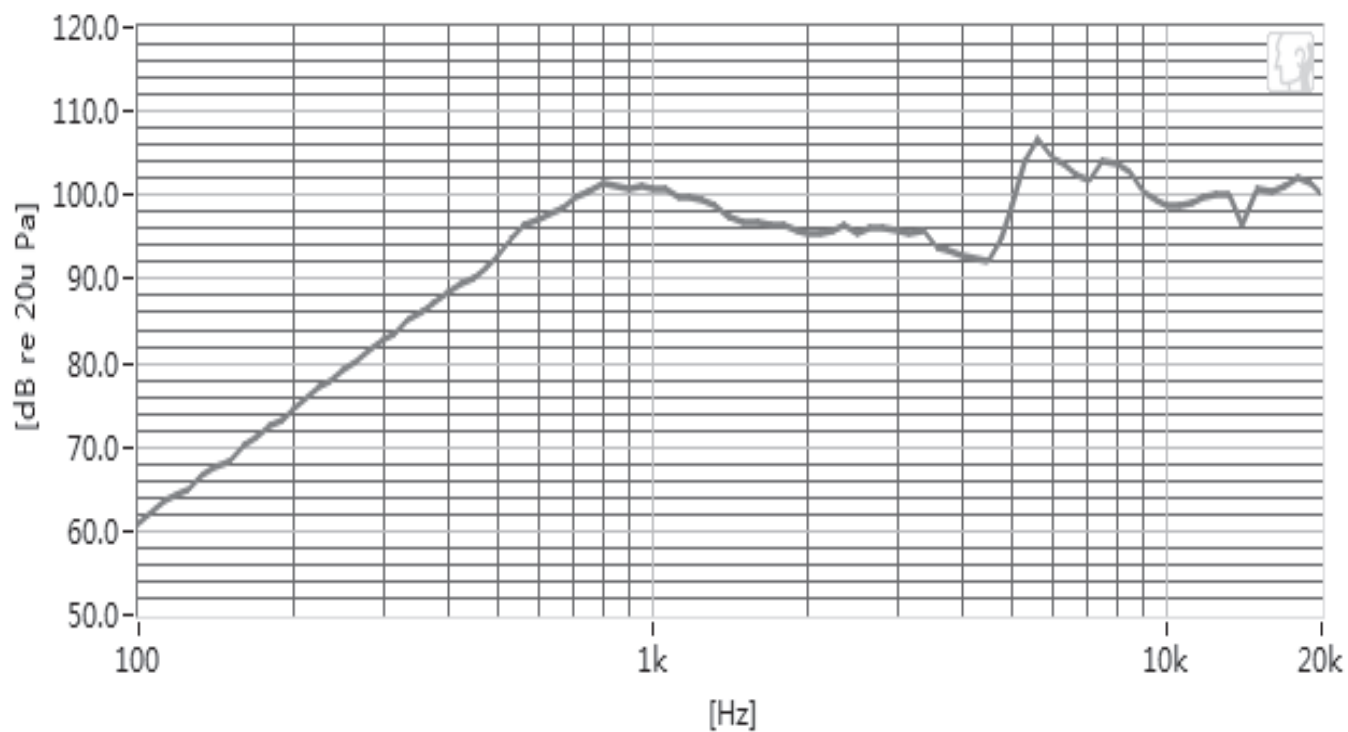
tolerance: ± 0.2 mm

wire: UL1007 28 AWG



FREQUENCY RESPONSE CURVE

Frequency Response.Magn dB re 20.00 μ PA AT 1 W / 0.1 m



PACKAGING

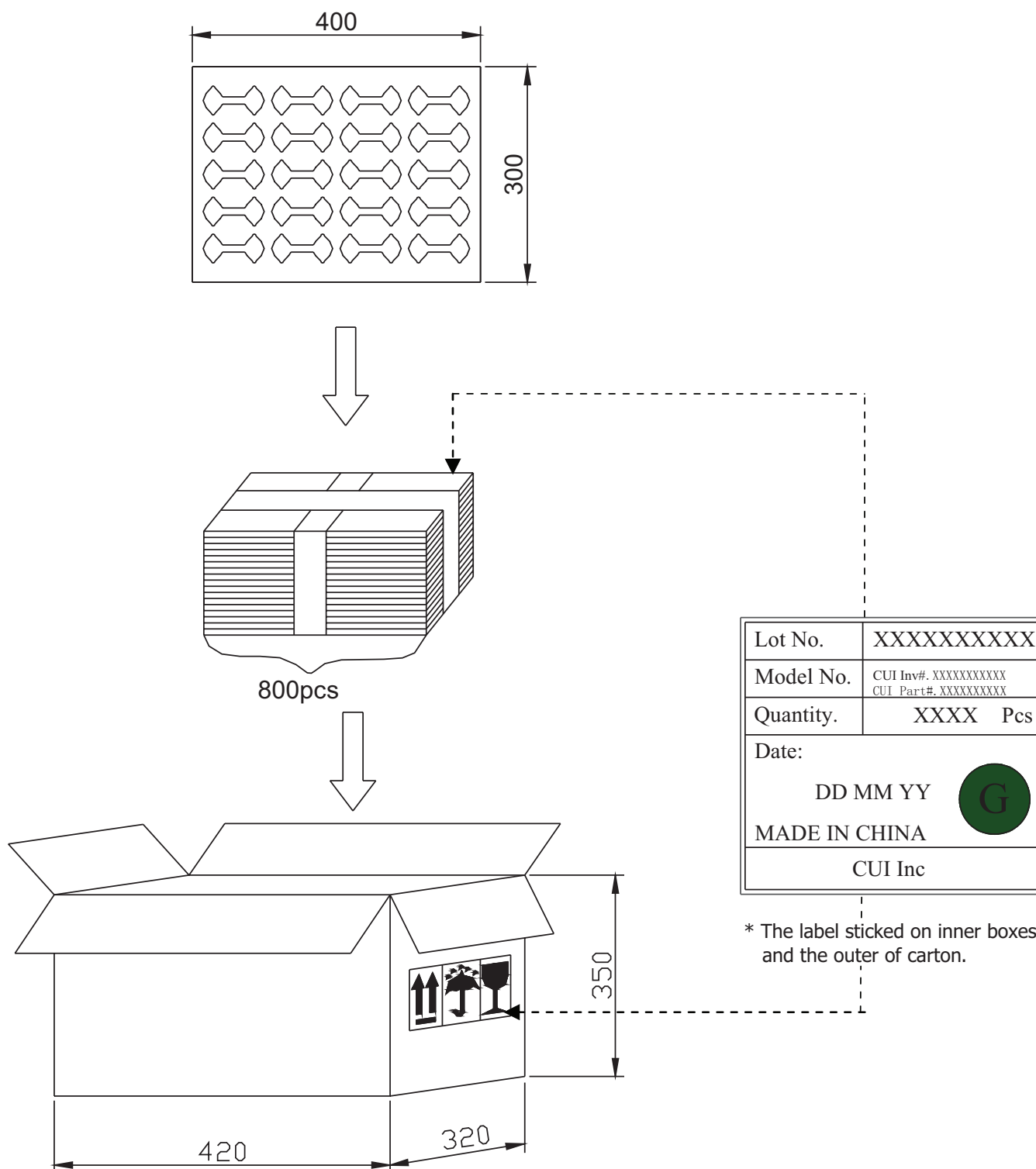
units: mm

Tray Size: 400 x 300 x 16 mm

Carton Size: 420 x 320 x 350 mm

Tray QTY: 40 pcs per tray

Carton QTY: 800 pcs per carton



REVISION HISTORY

rev.	description	date
1.0	initial release	06/28/2016
1.01	brand update	01/22/2020

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

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