

MODEL: CMS-40558N-L152 | **DESCRIPTION:** SPEAKER**FEATURES**

- 500 Hz resonant frequency
- 90 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		0.5	1.0	W
impedance	at 2.0 kHz, 1.0 V	6.8	8	9.2	Ω
resonant frequency (Fo)	at 1.0 V	400	500	600	Hz
frequency response	output SPL -10 dB	Fo		6,000	Hz
sound pressure level	at 0.1 W, 0.1 m ave, at 0.8, 1.0, 1.2, 1.5 kHz	87	90	93	dB
distortion	at 1.0 kHz, 0.1 W			5	%
buzz, rattle, etc.	must be normal at sine wave between Fo ~ 20,000 Hz		2.0		V
dimensions	$\varnothing 40 \times 5.5$				mm
magnet	Nd-Fe-B				
material	metal				
cone material	mylar				
terminal	wire leads				
weight			10.3		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.

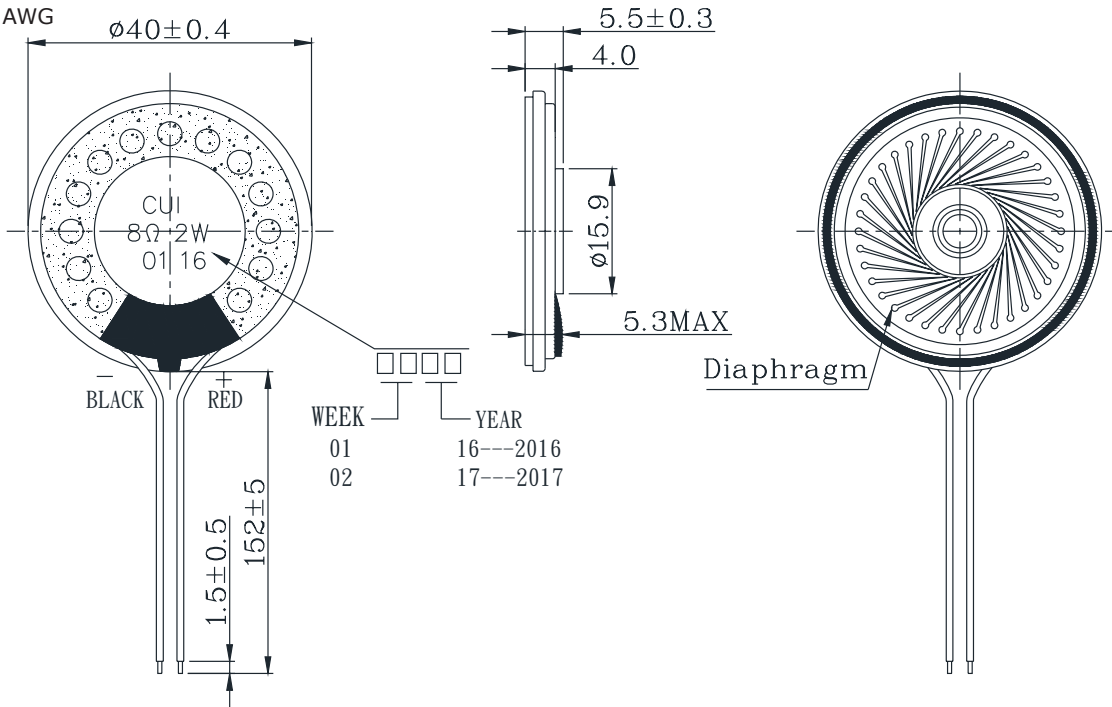
SOLDERABILITY

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

MECHANICAL DRAWING

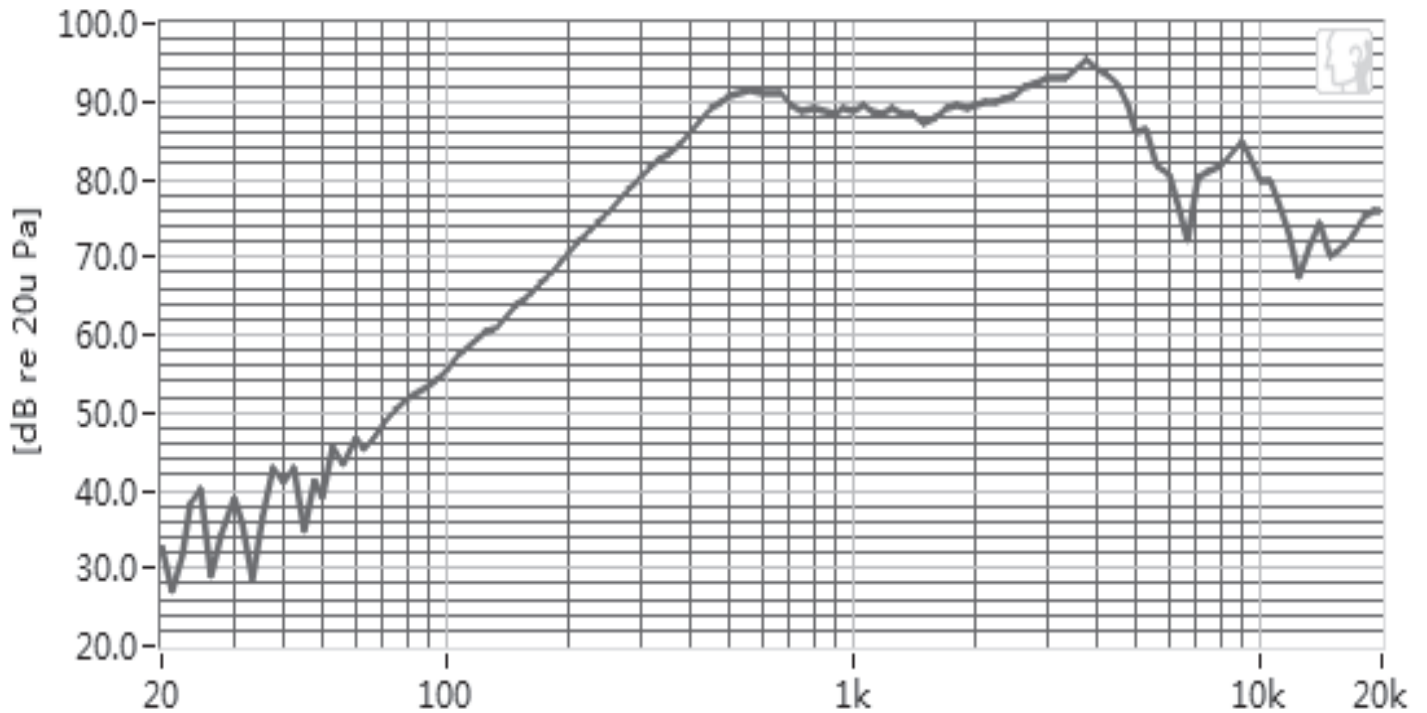
units: mm
tolerance: ± 0.2 mm

wire: UL1007 28 AWG



FREQUENCY RESPONSE CURVE

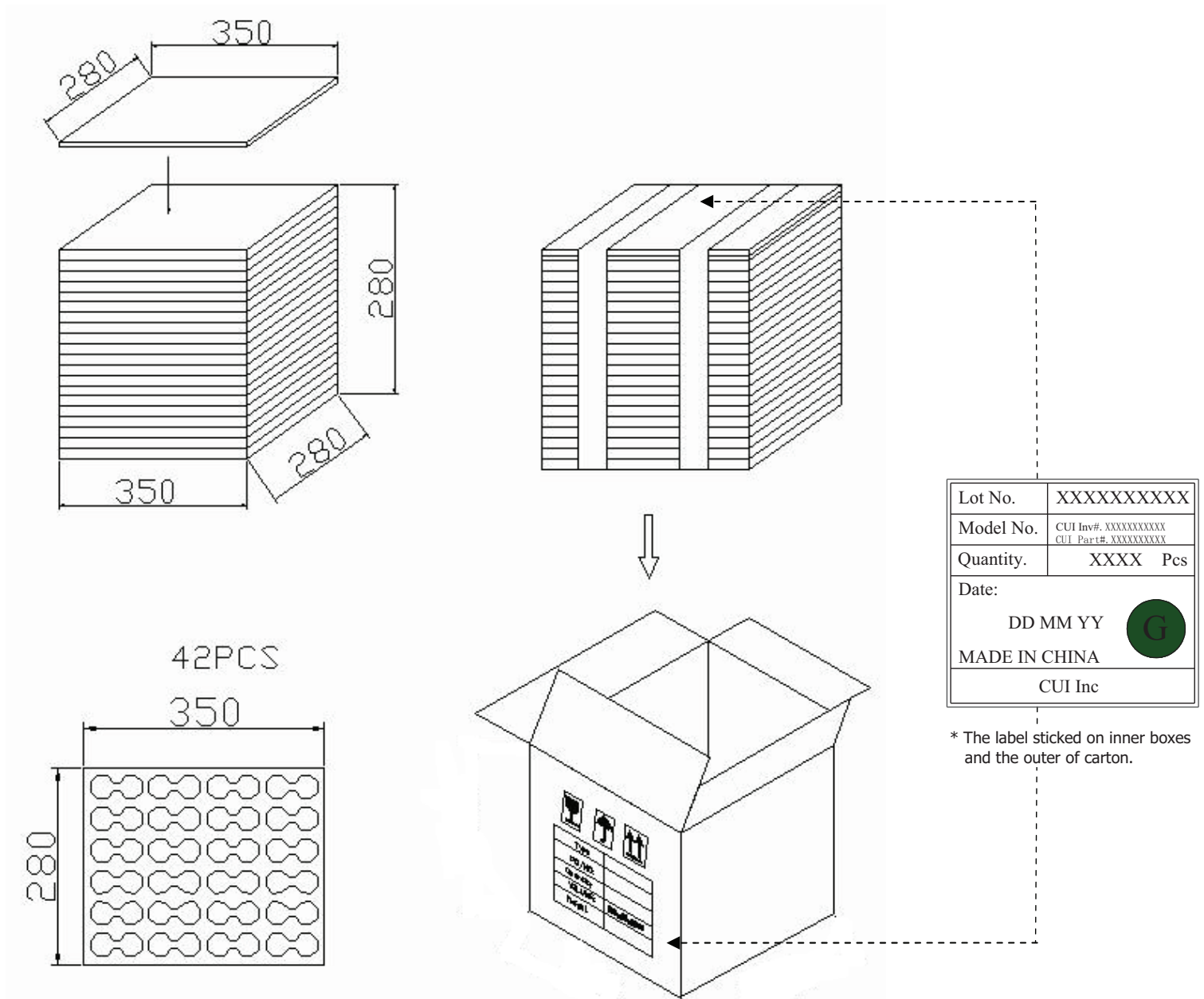
Frequency Response.Magn dB re 20.00 μ PA (at 0.1 W / 0.1m)



PACKAGING

units: mm

Tray Size: 280 x 350 x 10 mm
 Carton Size: 350 x 280 x 280 mm
 Tray QTY: 42 pcs per tray
 Carton QTY: 1,008 pcs per carton



REVISION HISTORY

rev.	description	date
1.0	initial release	06/24/2016
1.01	brand update	01/21/2020

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

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