

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	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.

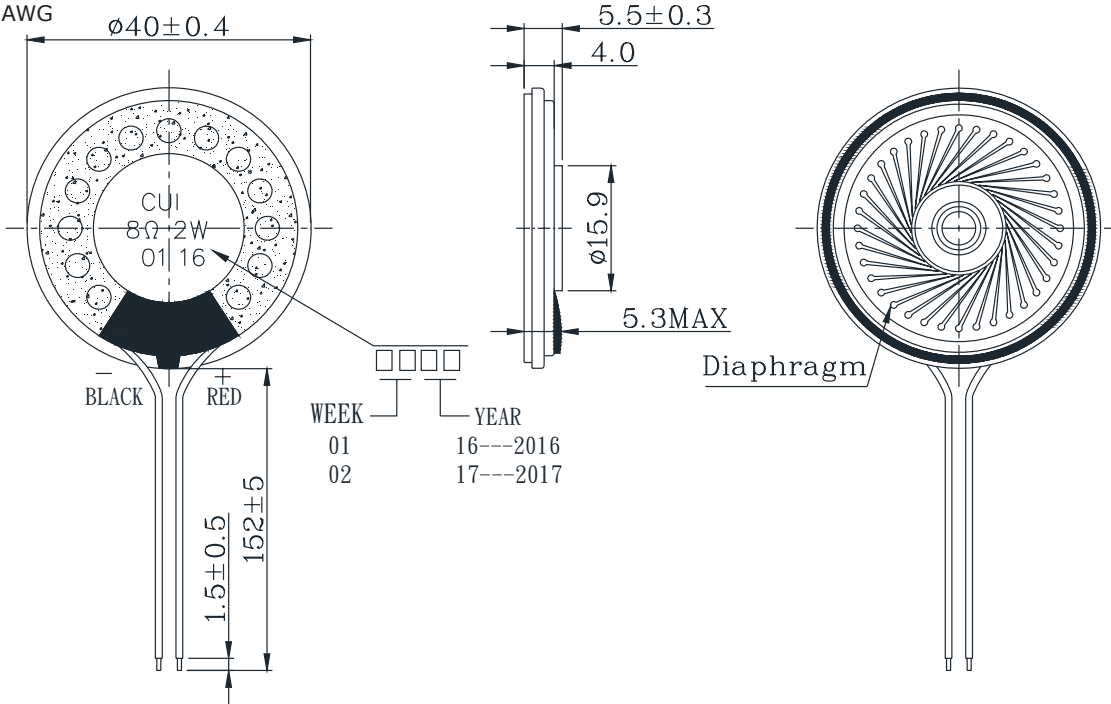
SOLDERABILITY

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

MECHANICAL DRAWING

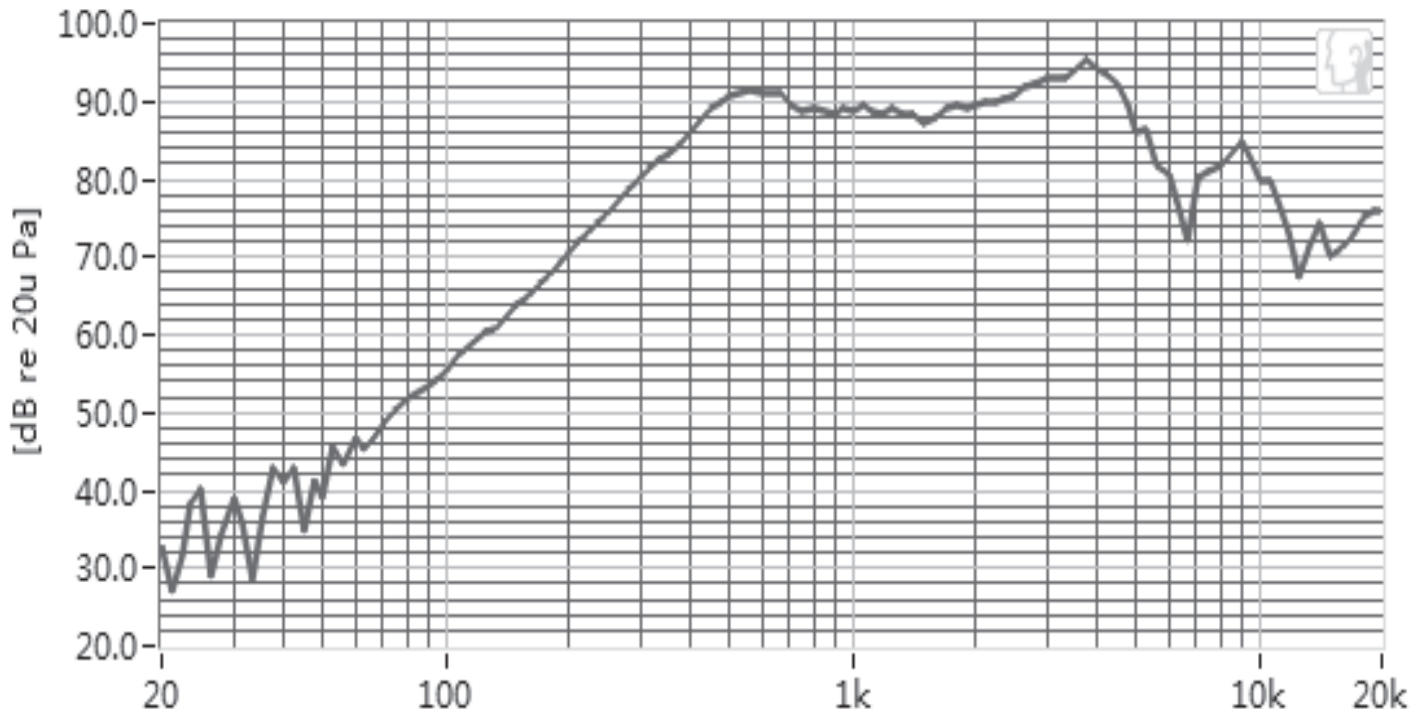
units: mm
tolerance: ±0.2 mm

wire: UL1007 28 AWG



FREQUENCY RESPONSE CURVE

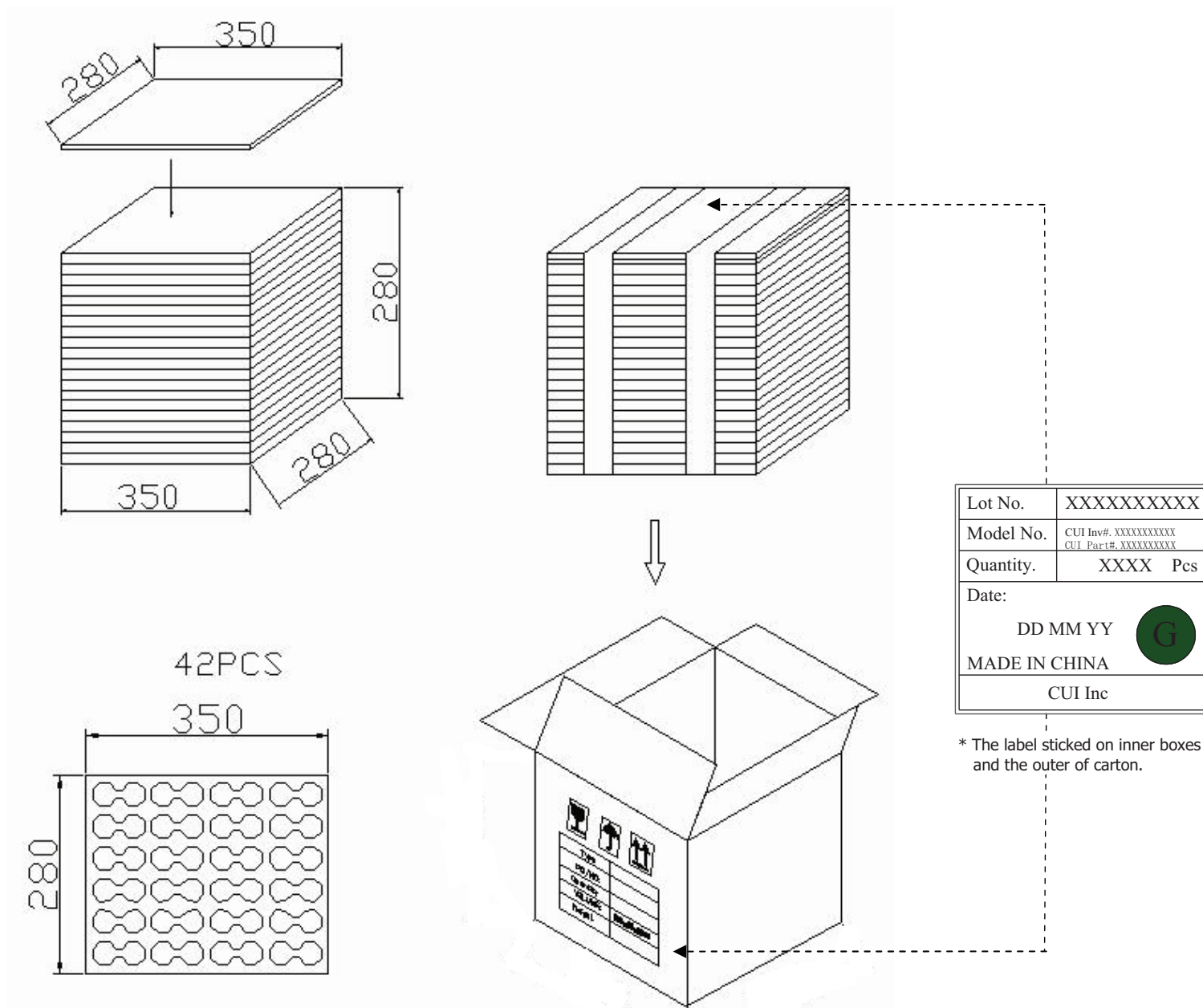
Frequency Response.Magn dB re 20.00μ PA (at 0.1 W / 0.1m)



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

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



CUI INC[®]

Headquarters
20050 SW 112th Ave.
Tualatin, OR 97062
800.275.4899

Fax 503.612.2383
cui.com
techsupport@cui.com

CUI offers a one (1) year limited warranty. Complete warranty information is listed on our website.

CUI reserves the right to make changes to the product at any time without notice. Information provided by CUI is believed to be accurate and reliable. However, no responsibility is assumed by CUI for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

CUI products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.