

MODEL: CSS-50508N | **DESCRIPTION:** SPEAKER
FEATURES

- paper cone
- 380 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		0.25	0.5	W
impedance	at 800 Hz	6.8	8	9.2	Ω
resonant frequency (Fo)	at 1.0 V	304	380	456	Hz
frequency response	output SPL -10 dB	Fo		3,200	Hz
sound pressure level	at 0.25 W, 0.5 m ave, at 1.0, 1.4, 1.7, 2.0 kHz	82	85	88	dB
distortion	at 1.0 kHz, 0.25 W			10	%
buzz, rattle, etc.	must be normal at sine wave between Fo ~ 20,000 Hz		1.41		V
dimensions	50.5 x 50.5 x 17.2				mm
magnet	Nd-Fe-B				
material	metal				
cone material	paper				
terminal	solder terminals				
weight			52		g
operating temperature		-20		55	$^{\circ}\text{C}$
storage temperature		-30		70	$^{\circ}\text{C}$
RoHS	2011/65/EU				

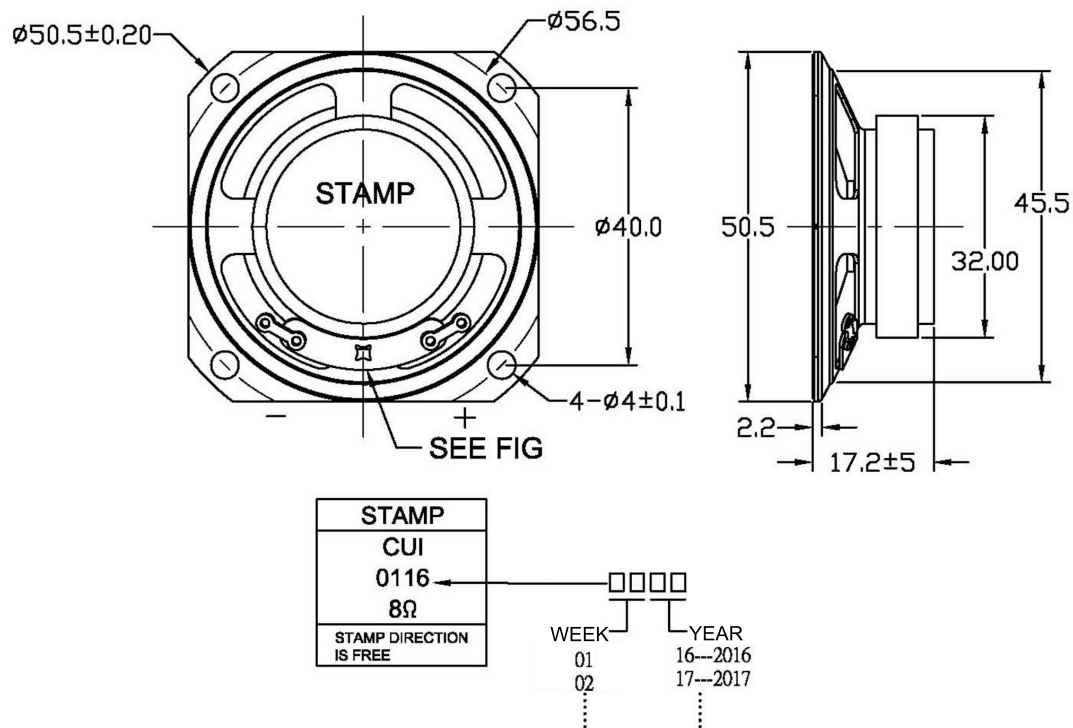
Notes: 1. All specifications measured at 15~35 $^{\circ}\text{C}$, humidity at 45~85%, under 86~106 kPa pressure, unless otherwise noted.

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering	for 3 $\pm$ 1 seconds	360	370	380	$^{\circ}\text{C}$

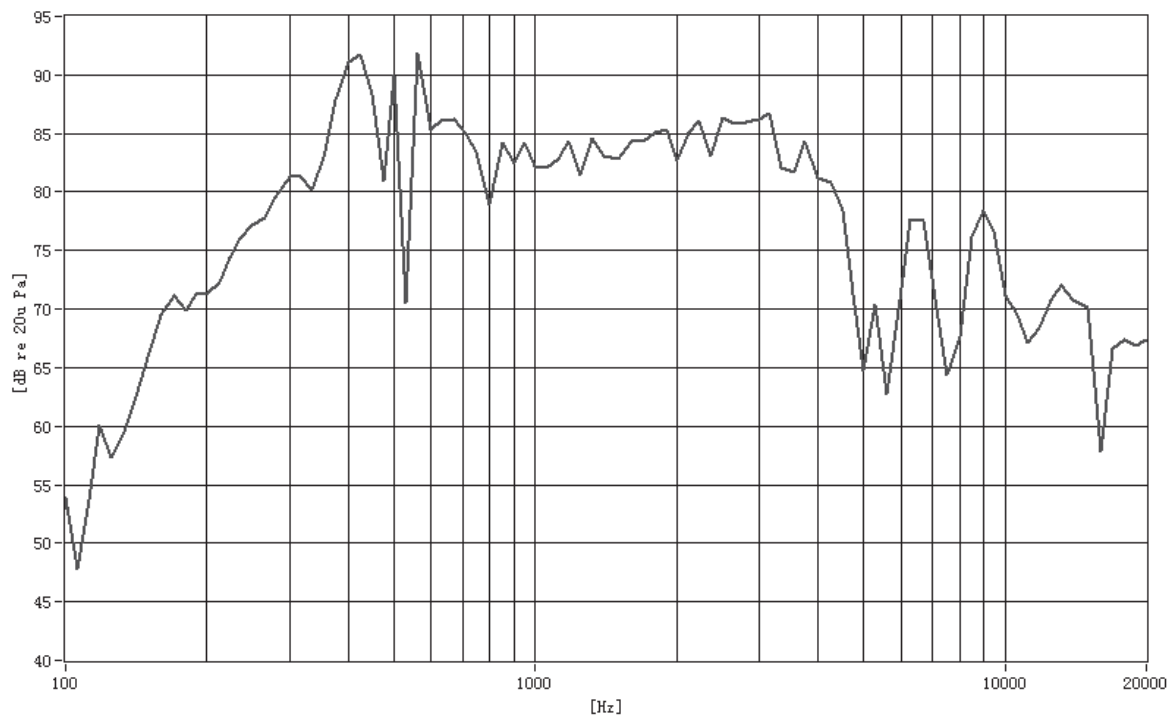
MECHANICAL DRAWING

units: mm
tolerance: ± 0.2 mm



FREQUENCY RESPONSE CURVE

Frequency Response.Magn dB re 20.00 μ PA (at 0.25 W / 0.5 m)



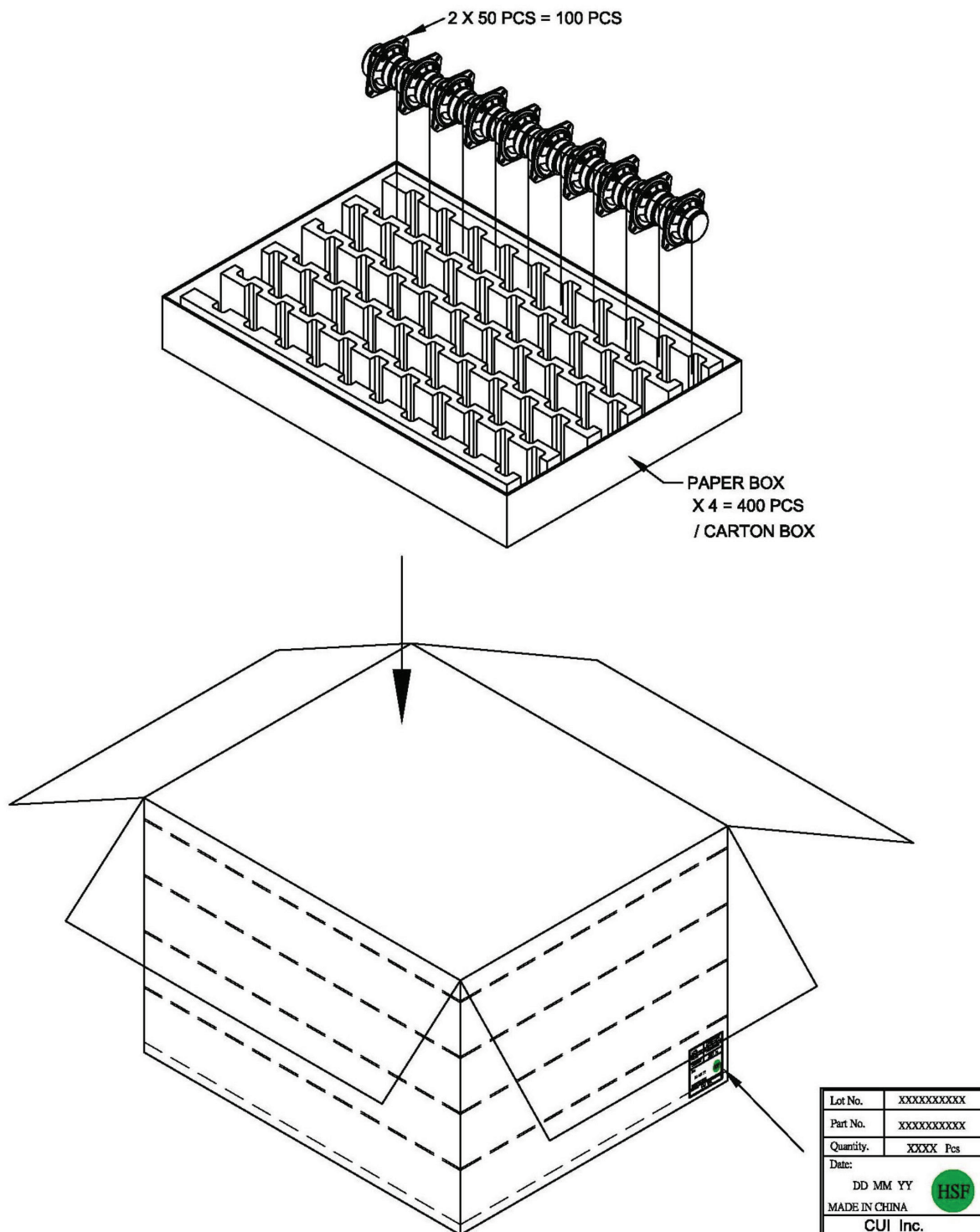
PACKAGING

units: mm

Carton Size: 478 x 303 x 222 mm

Paper box QTY: 100 pcs per box

Carton QTY: 400 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.



CUI INC[®]

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

Fax 503.612.2383
cui.com
techsupport@cui.com

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