


CUI INC[®]
date 07/06/2017

page 1 of 5

MODEL: CMS-15118C-SP | **DESCRIPTION:** SPEAKER

FEATURES

- micro-speaker
- small footprint
- low profile
- spring leads

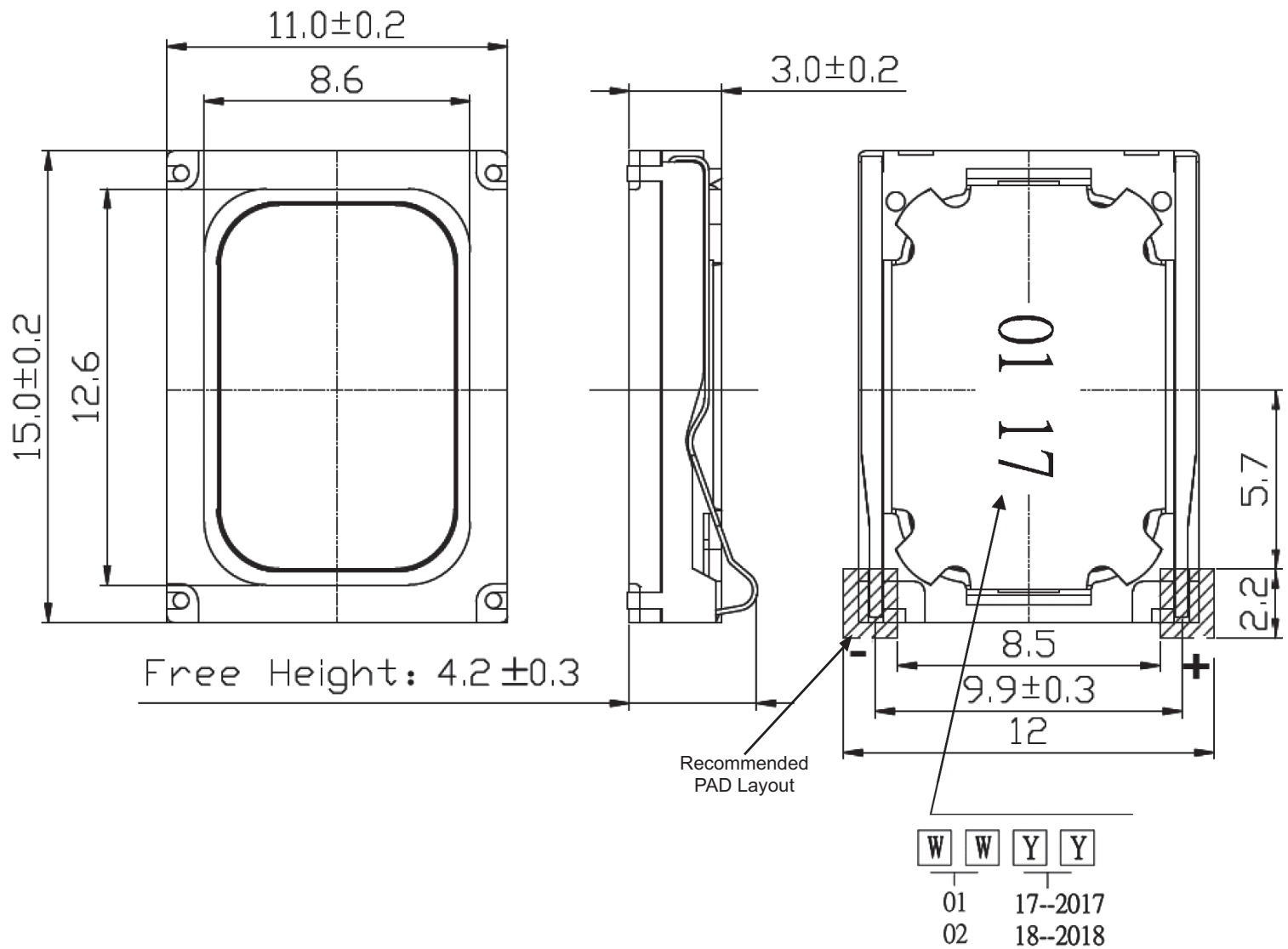

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
input power	maximum power: IEC-60268-5, filter 60s on/120s off, 10 cycles at room temp in 1 cc closed box		0.8	1.0	W
impedance	at 2.0 kHz	6.8	8	9.2	Ω
resonant frequency (Fo)	at 1.0 V	400	500	600	Hz
	at 1.0 V in 1 cc closed box	722.5	850	977.5	Hz
frequency response	output SPL ± 10 dB	Fo		10,000	Hz
sound pressure level	at 0.8 W, 0.1 m, at 2.0 kHz in 1 cc closed box	85	88	91	dB
distortion	at 1.0 kHz, 0.8 W			10	%
buzz, rattle, etc.	must be normal at sine wave between Fo ~ 20 kHz in 1 cc closed box		2.53		V
polarity	cone will move forward with positive dc current to "+" terminal				
dimensions	15 x 11 x 3				mm
magnet	Nd-Fe-B				
material	PPA				
cone material	mylar				
terminal	spring contact				
weight			1.4		g
operating temperature		-20		75	$^{\circ}\text{C}$
storage temperature		-30		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.

MECHANICAL DRAWING

units: mm
tolerance: ± 0.2 mm

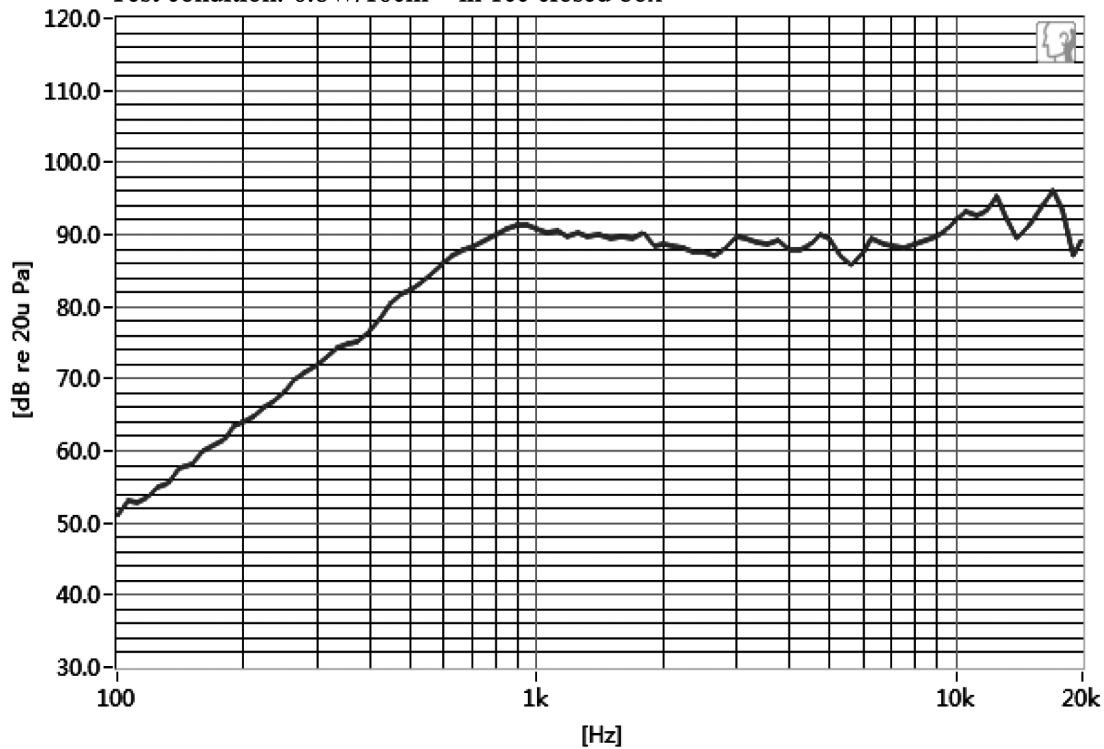


Note: 1. Maximum compression force between front frame and back frame & yoke is 5 N.

RESPONSE CURVES

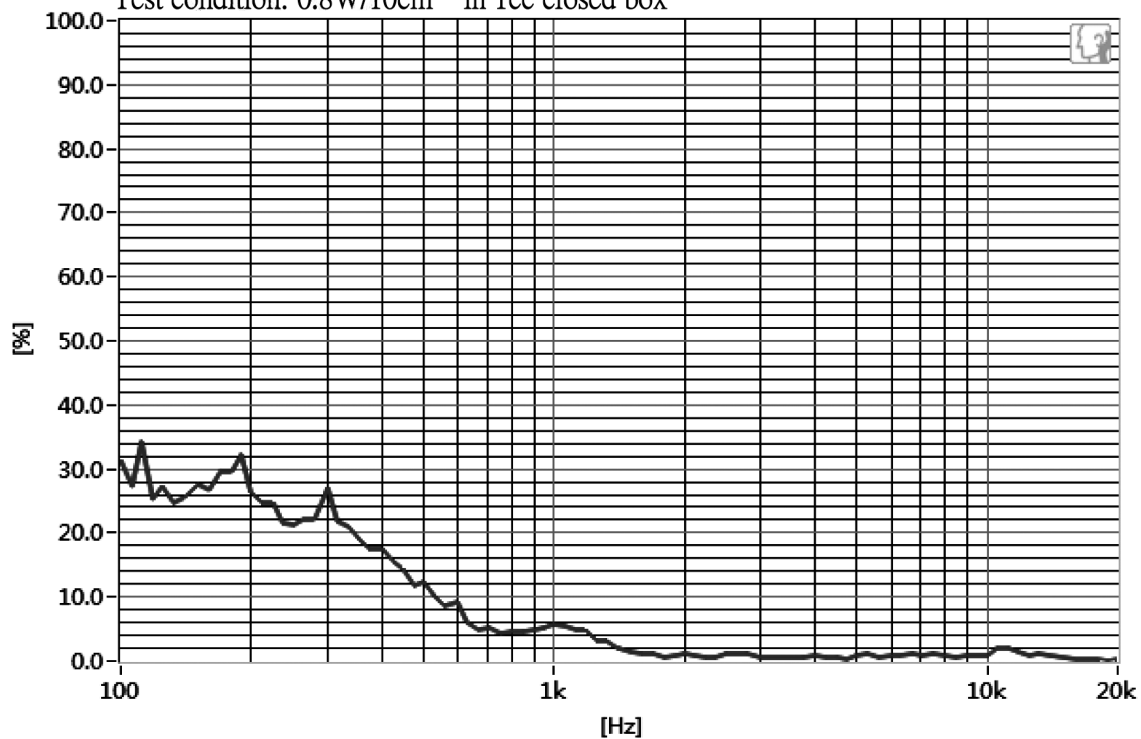
Frequency Response Curve

Test condition: 0.8W/10cm in 1cc closed box



Total Harmonic Distortion Curve

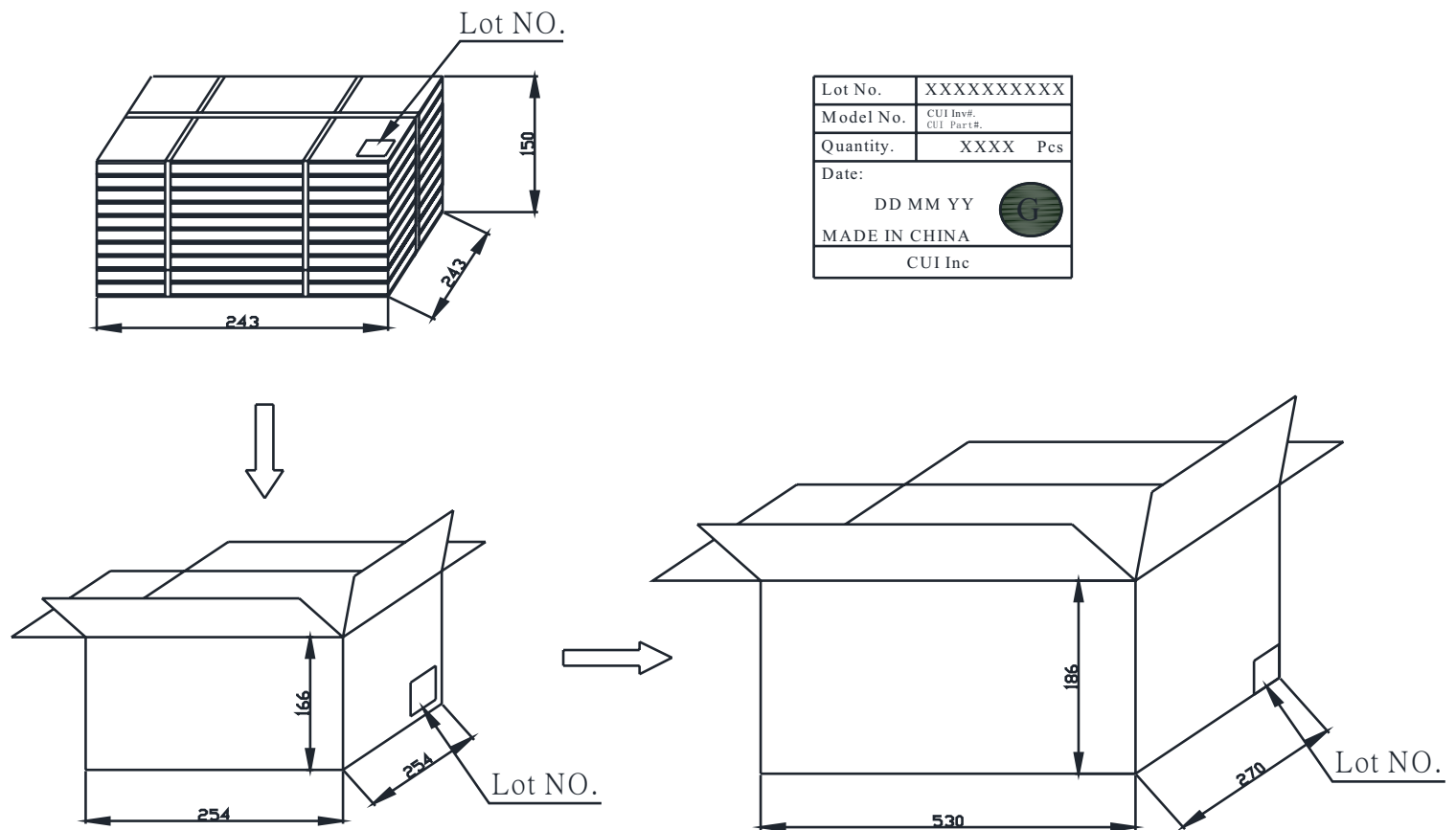
Test condition: 0.8W/10cm in 1cc closed box



PACKAGING

units: mm

Tray Size: 243 x 243 x 10 mm
Carton Size: 530 x 270 x 186 mm
Tray QTY: 120 pcs per tray
Carton QTY: 3,600 pcs per carton



REVISION HISTORY

rev.	description	date
1.0	initial release	07/06/2017

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



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

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