

MODEL: CMS-15118D-L100 | **DESCRIPTION:** SPEAKER**FEATURES**

- micro-speaker
- small footprint
- low profile
- wire 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		0.7	1.0	W
impedance	at 2.0 kHz	6.8	8	9.2	Ω
resonant frequency (Fo)	at 1.0 V	425	500	575	Hz
	at 1.0 V in 1 cc closed box	807.5	950	1092.5	Hz
frequency response	output SPL ± 10 dB	Fo		10,000	Hz
sound pressure level	at 0.7 W, 0.1 m, at 1.0 kHz in 1 cc closed box	88	91	94	dB
distortion	at 1.0 kHz, 0.7 W			10	%
buzz, rattle, etc.	must be normal at sine wave between Fo ~ 20 kHz in 1 cc closed box		2.37		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	wire leads				
weight			1.5		g
operating temperature		-30		75	$^{\circ}\text{C}$
storage temperature		-40		85	$^{\circ}\text{C}$
RoHS	yes				

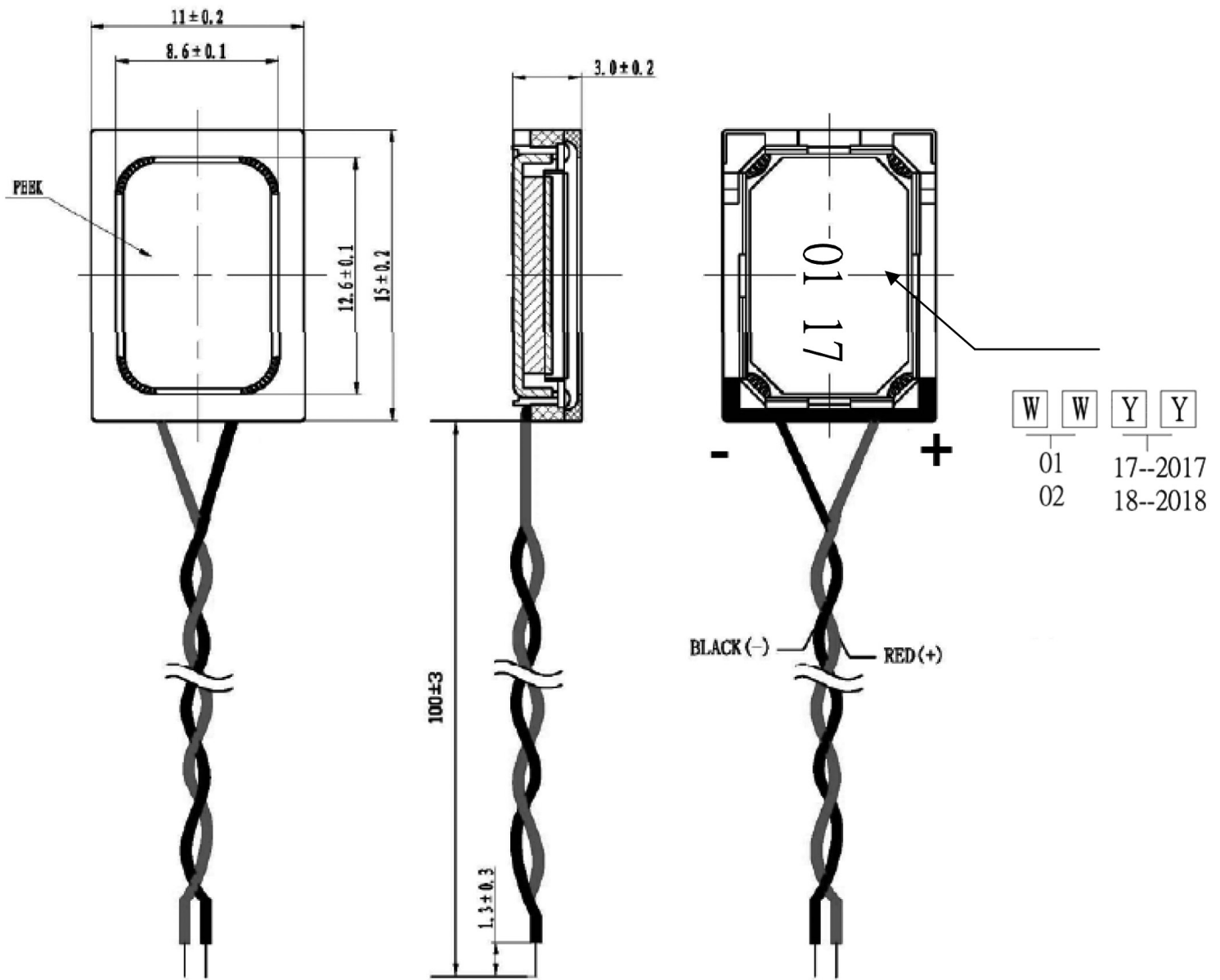
Notes: 1. All specifications measured at 5~35 $^{\circ}\text{C}$, humidity at 45~85%, under 86~106 kPa pressure, unless otherwise noted.

MECHANICAL DRAWING

units: mm

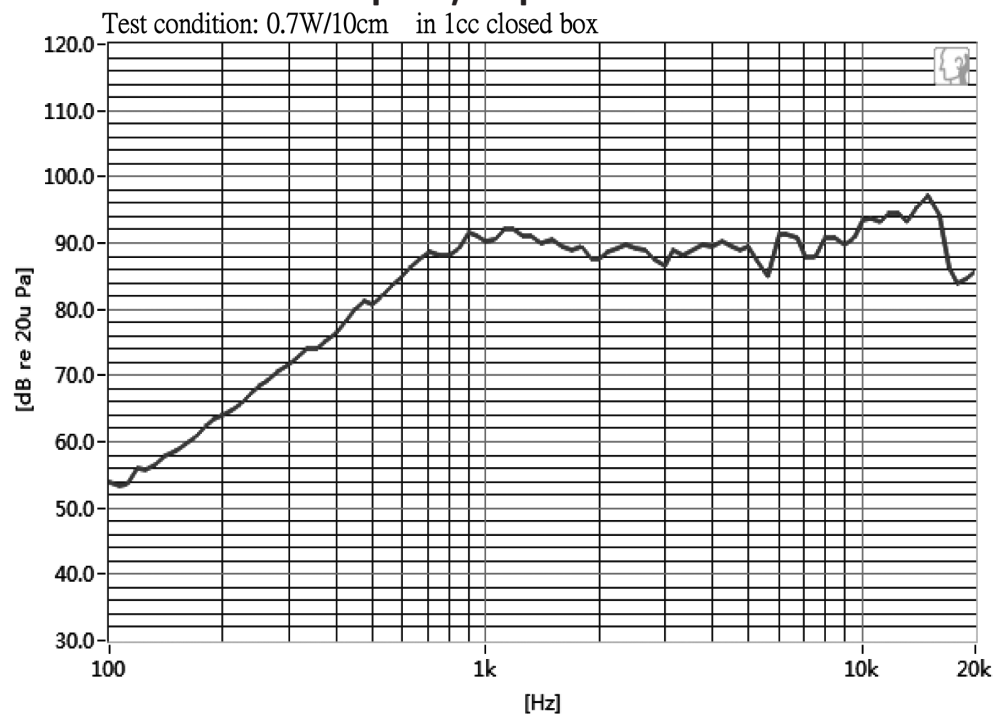
tolerance: ± 0.2 mm

wire: UL1571 30 AWG

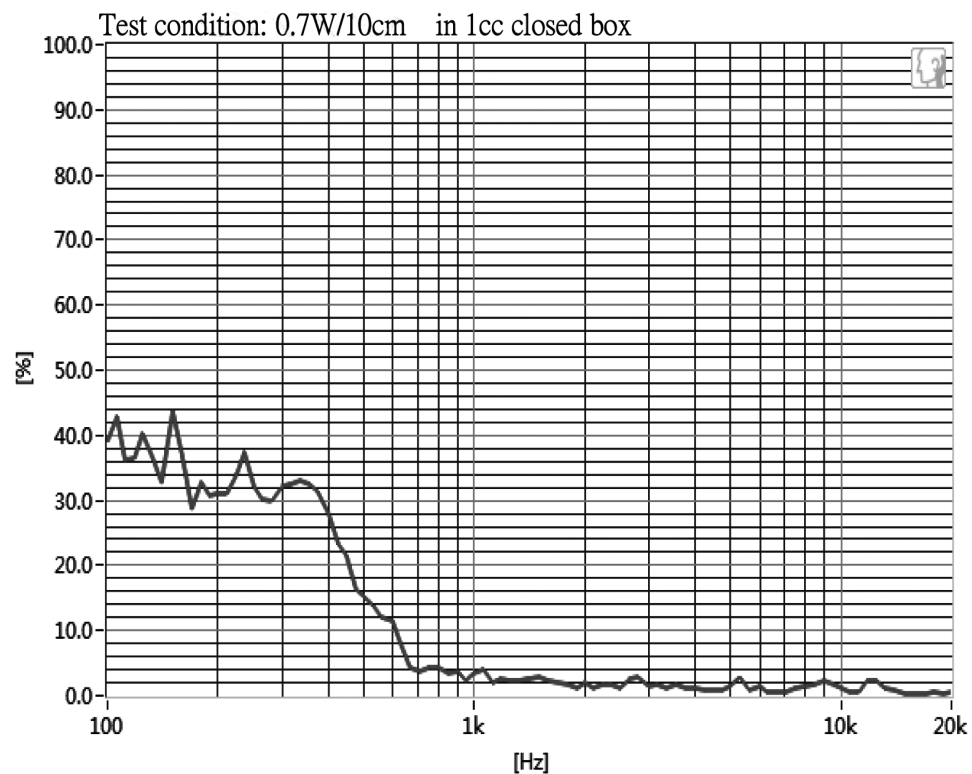


RESPONSE CURVES

Frequency Response Curve



Total Harmonic Distortion Curve



PACKAGING

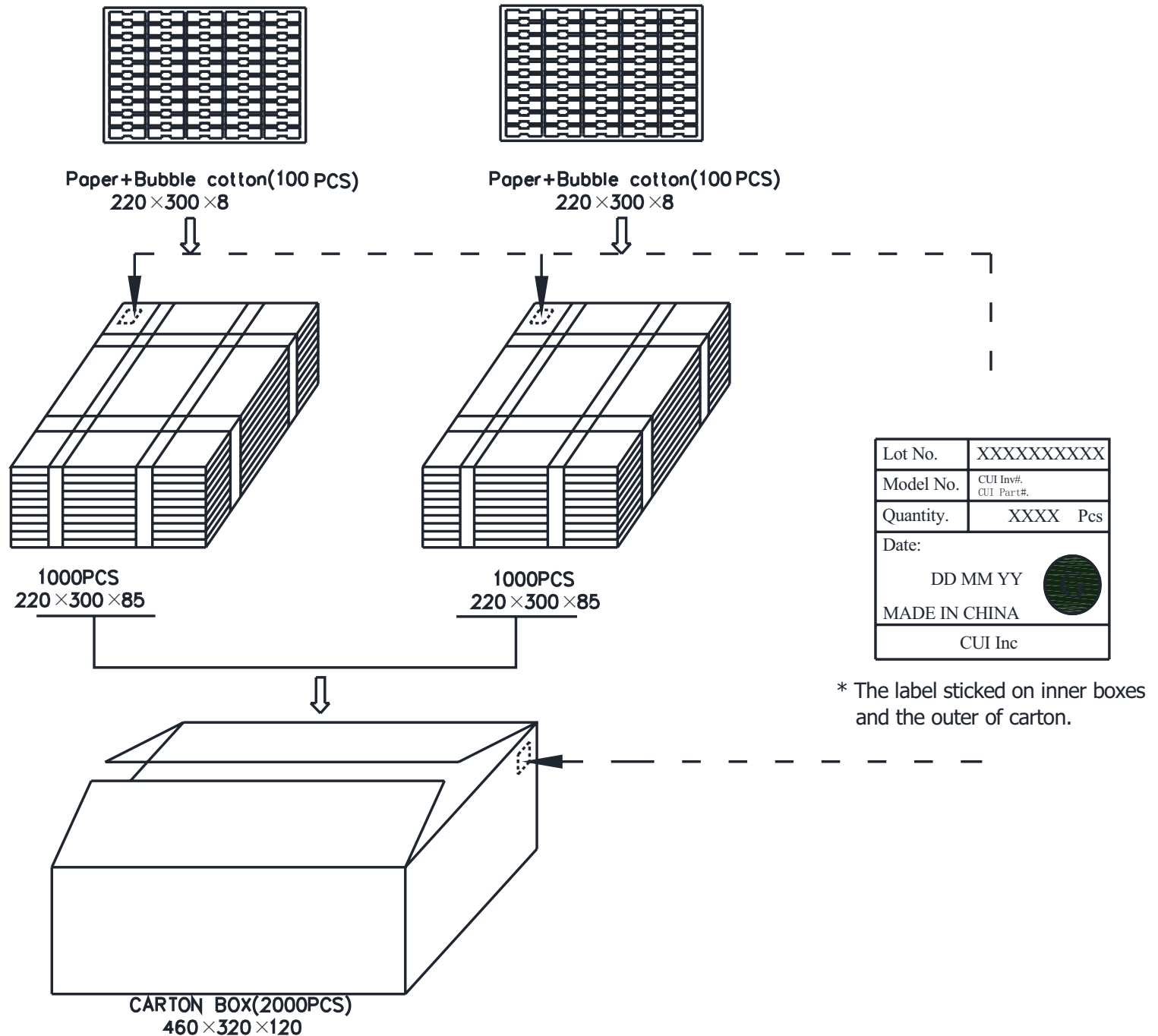
units: mm

Tray Size: 220 x 300 x 8 mm

Carton Size: 460 x 320 x 120 mm

Tray QTY: 100 pcs per tray

Carton QTY: 2,000 pcs per carton



REVISION HISTORY

rev.	description	date
1.0	initial release	07/06/2017
1.01	brand update	01/21/2020

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

CUI DEVICES

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