CUDEVICES

MODEL: CES-403015-24130L | **DESCRIPTION:** SPEAKER

FEATURES

- 2 W rated power
- 130 mm lead wire
- 4 ohm rated impedance

RoHS

SPECIFICATIONS

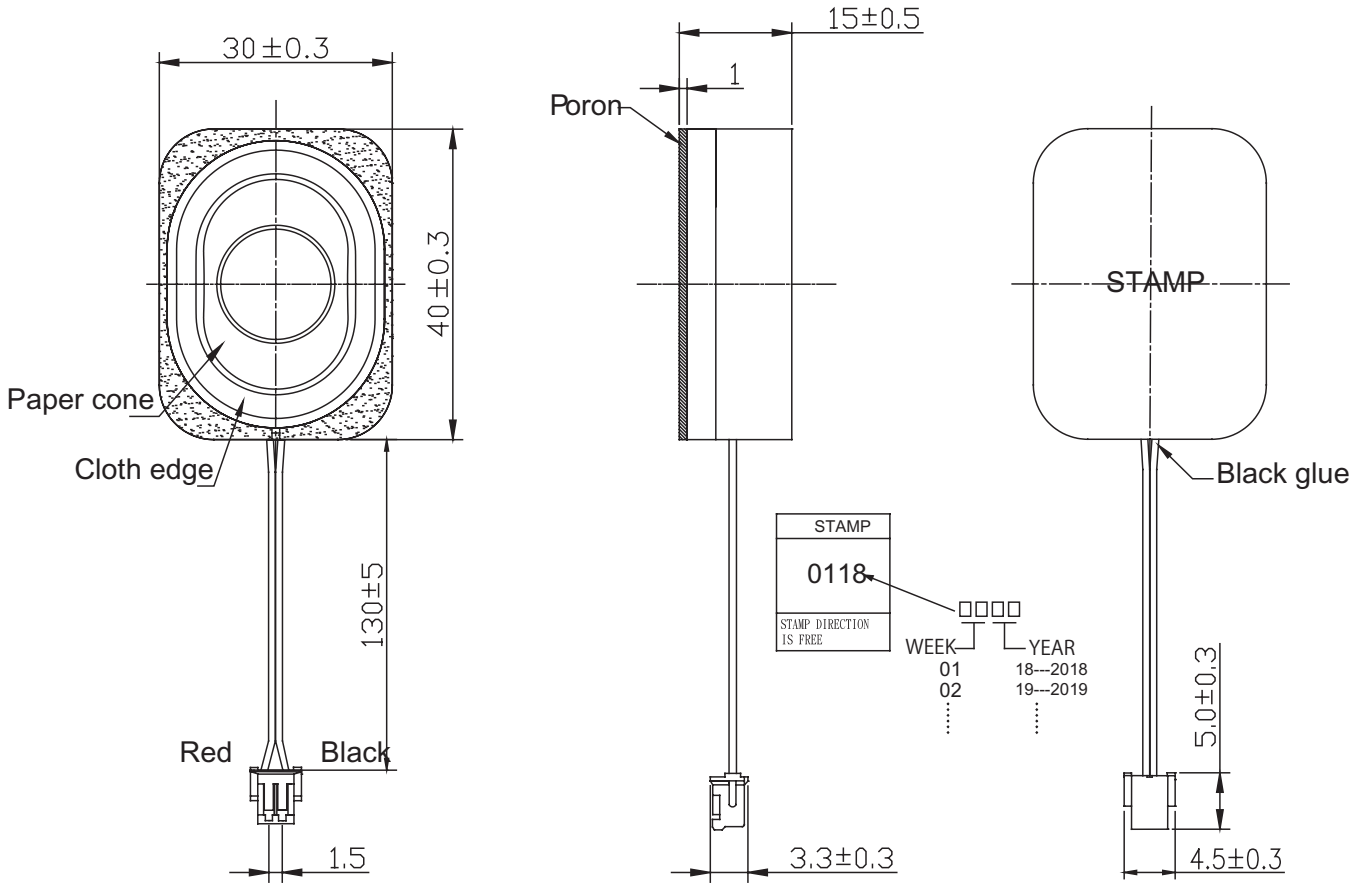
parameter	conditions/description	min	typ	max	units
input power	max power: IEC-60268-5, filter 60 seconds on, 120 seconds off, 10 cycles (room temp)		2.0	3.0	W
impedance	at 1.0 kHz	3.4	4	4.6	Ω
resonant frequency (Fo)	at 1.0 V	640	800	960	Hz
frequency response		Fo		20,000	Hz
sound pressure level	at 1.0 W, 50 cm, avg at 0.8, 1.0, 1.2, 1.5 kHz	83	86	89	dB
distortion	at 1.0 kHz, 1.0 W			10	%
buzz, rattle, etc.	must be normal at sine wave, frequency range			2.83	V
polarity	cone moves forward w/ positive dc current to "+" terminal				
dimensions	40.0 x 30.0 x 15.0				mm
magnet	Nd-Fe-B				
enclosure material	ABS 777D				
cone material	cloth+paper				
terminal	wire leads with connector				
weight			12.0		g
operating temperature		-30		70	°C
storage temperature		-40		85	°C
RoHS	yes				

Notes: 1. All specifications measured at 15~35°C, humidity at 45~85%, under 86~106 kPa pressure, unless otherwise noted.

MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

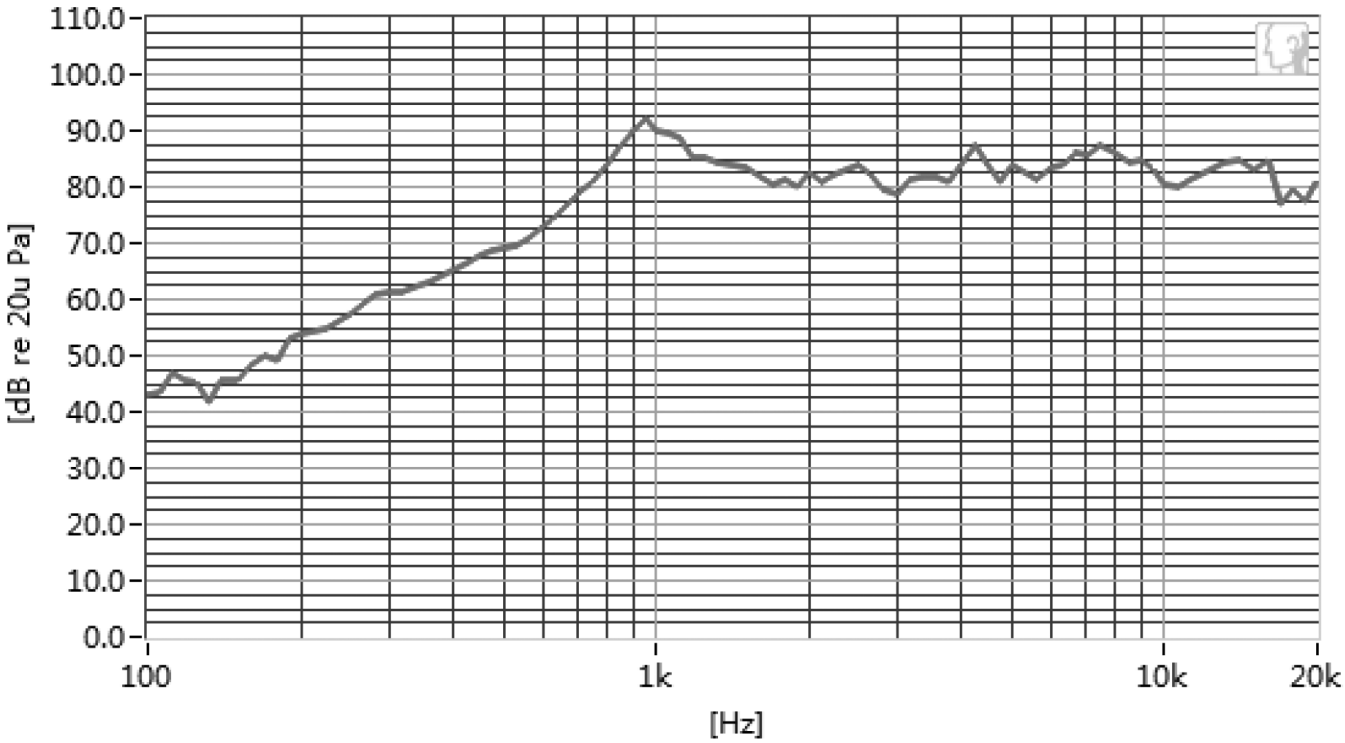
wire: UL1571 28 AWG
internal speaker: CDS-40304
connector: JST ZHR-2 SZH-003T-P0.5 or equivalent



RESPONSE CURVES

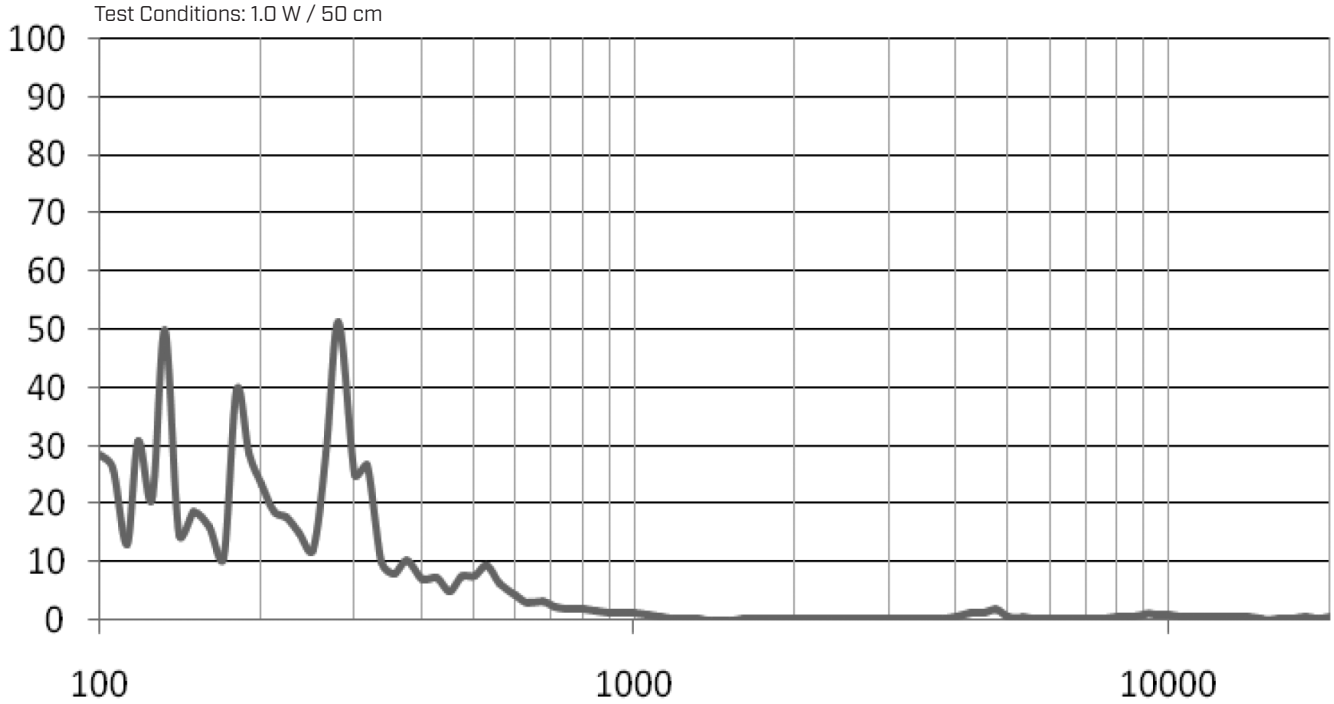
Frequency Response Curve

Test Conditions: 1.0 W / 50 cm



Total Harmonic Distortion Curve

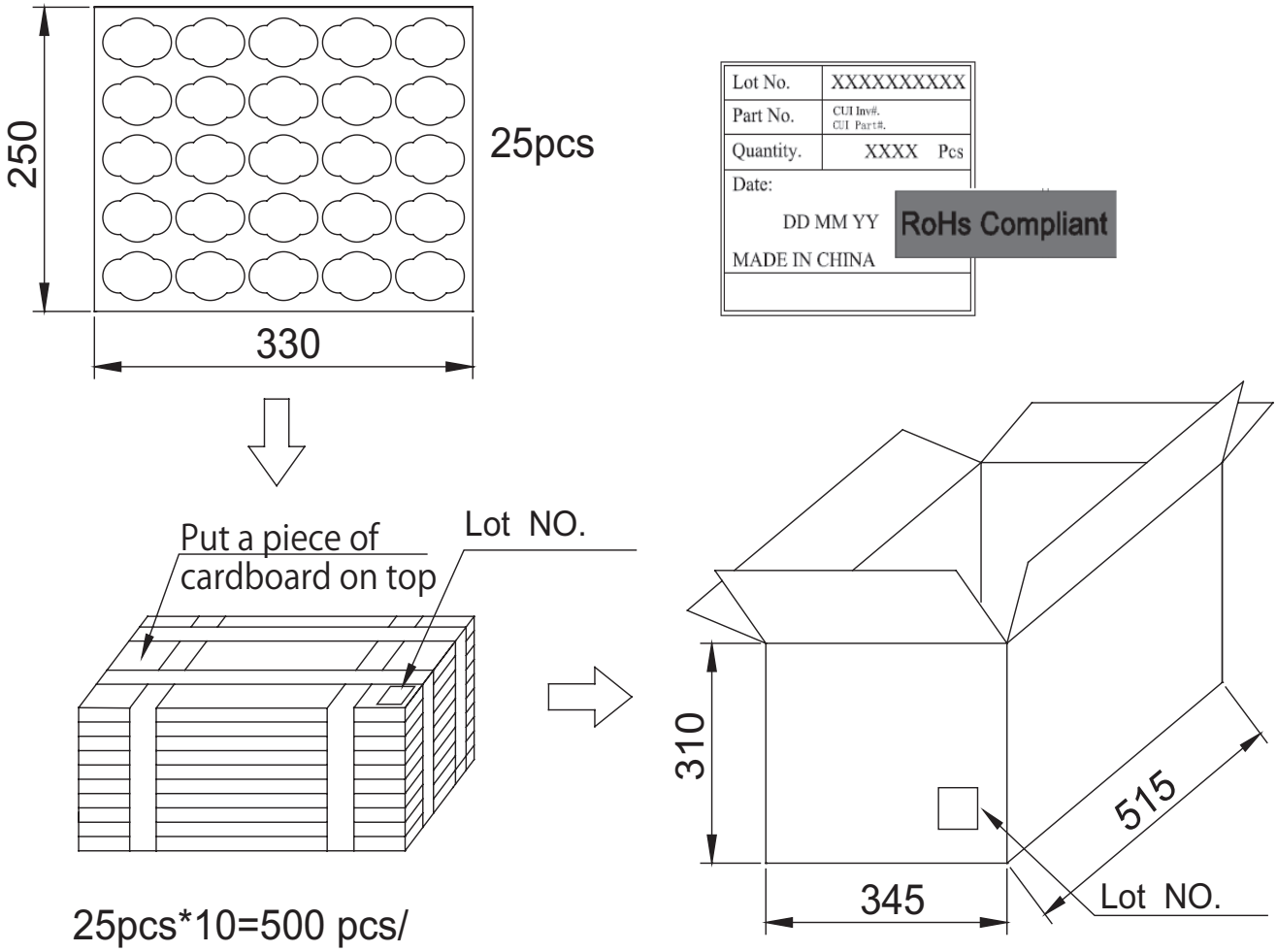
Test Conditions: 1.0 W / 50 cm



PACKAGING

units: mm

Tray Size: 330 x 250 x 16 mm
Tray QTY: 25 pcs per tray
Carton Size: 515 x 345 x 310 mm
Carton QTY: 500 pcs per carton



REVISION HISTORY

rev.	description	date
1.0	initial release	06/08/2020
1.01	logo, datasheet style update	08/05/2022

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

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

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