CUDEVICES

MODEL: CMS-25145-158SP | **DESCRIPTION:** SPEAKER

FEATURES

- 8 ohm rated impedance
- 1.5 W rated power
- 700 Hz resonance frequency



RoHS

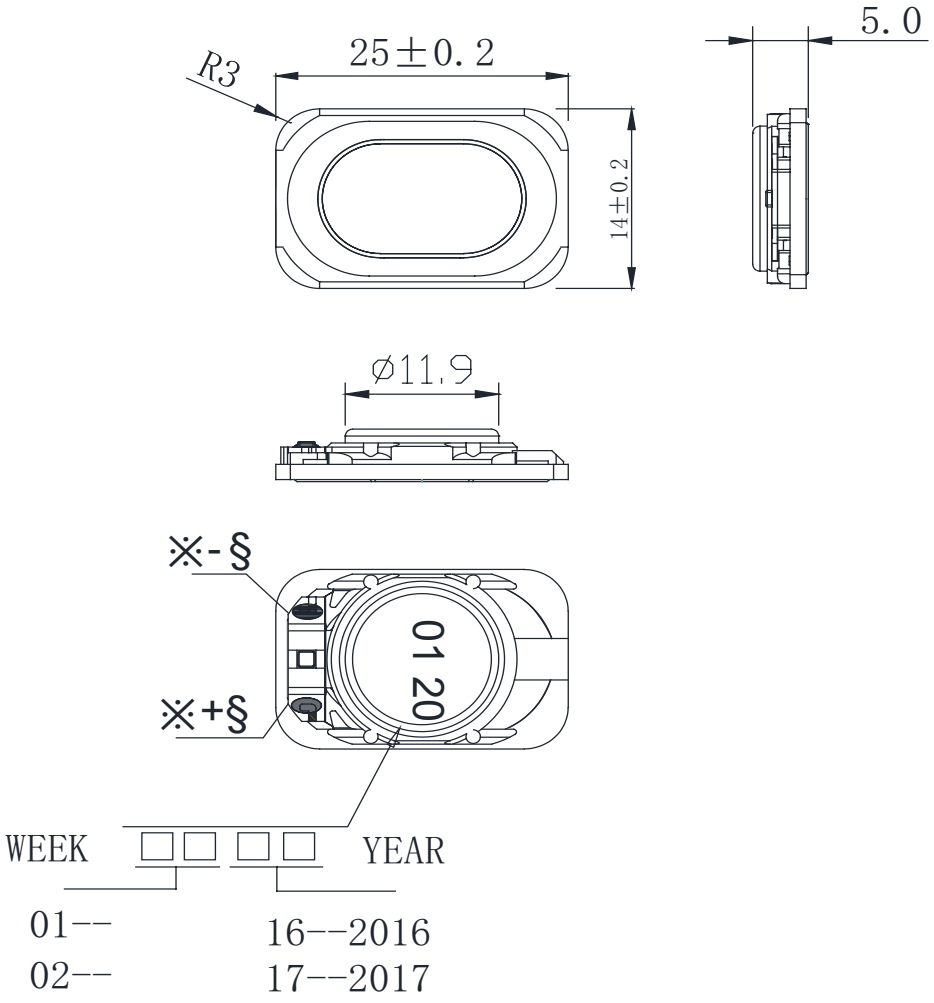
SPECIFICATIONS

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)		1.5	1.8	W
impedance	at 2.5 kHz, 1.0 V	6.8	8	9.2	Ω
resonant frequency (Fo)	at 1.0 V	560	700	840	Hz
frequency response		Fo		10,000	Hz
sound pressure level	at 1.5 W, 10 cm, avg at 1.0, 2.0, 2.5, 3.0 kHz	90	93	96	dB
distortion	at 1.0 kHz, rated power, 10 cm			10	%
buzz, rattle, etc.	must be normal at sine wave, frequency range			3.46	V
polarity	cone moves forward w/ positive dc current to "+" terminal				
dimensions	25.0 x 14.0 x 5.0				mm
magnet	Nd-Fe-B				
frame material	ABS				
cone material	foam				
terminal	solder pads				
weight			2.2		g
operating temperature		-20		60	°C
storage temperature		-25		65	°C
hand soldering	for maximum 3 seconds	370	380	390	°C
RoHS	yes				

Notes: 1. All specifications measured at 5~35°C, humidity at 45~85%, under 86~106 kPa pressure, unless otherwise noted.

MECHANICAL DRAWING

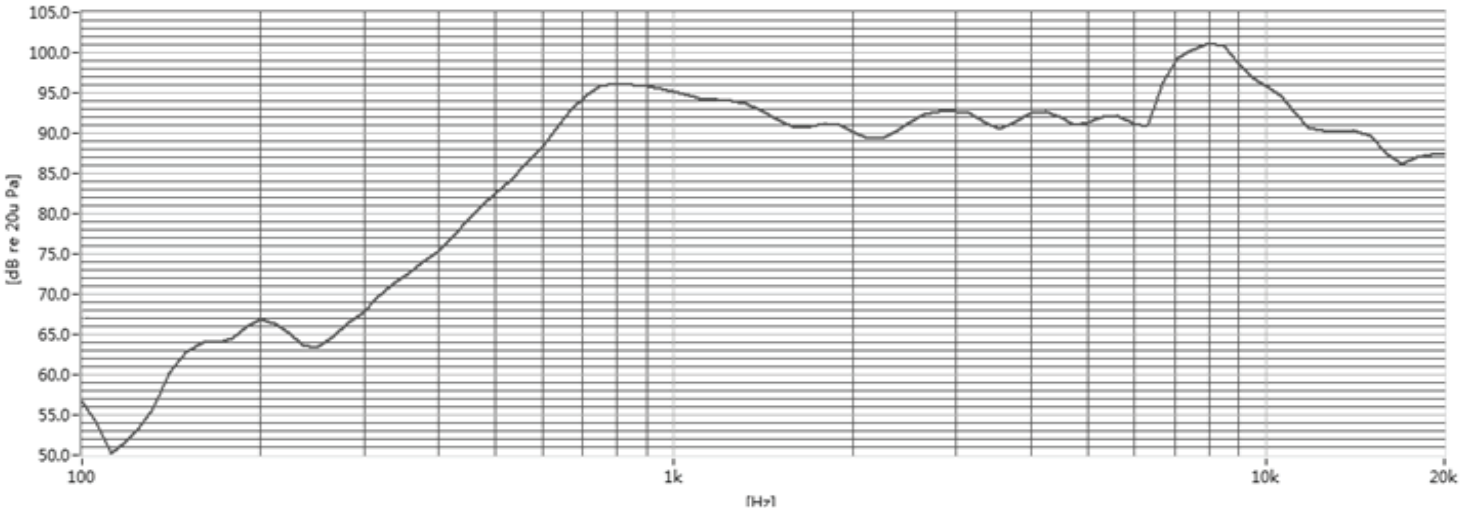
units: mm
tolerance: ±0.2 mm



RESPONSE CURVES

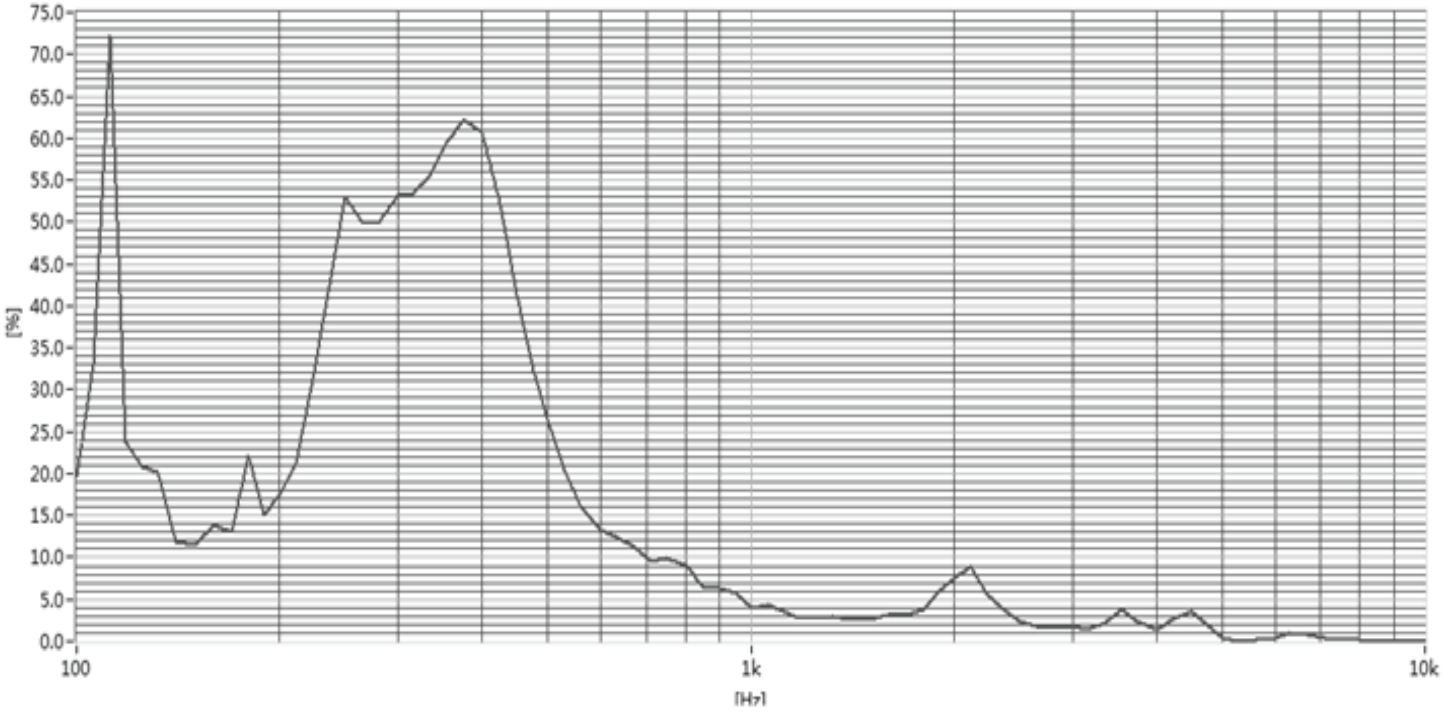
Frequency Response Curve

Test Conditions: 1.5 W / 10 cm



Total Harmonic Distortion Curve

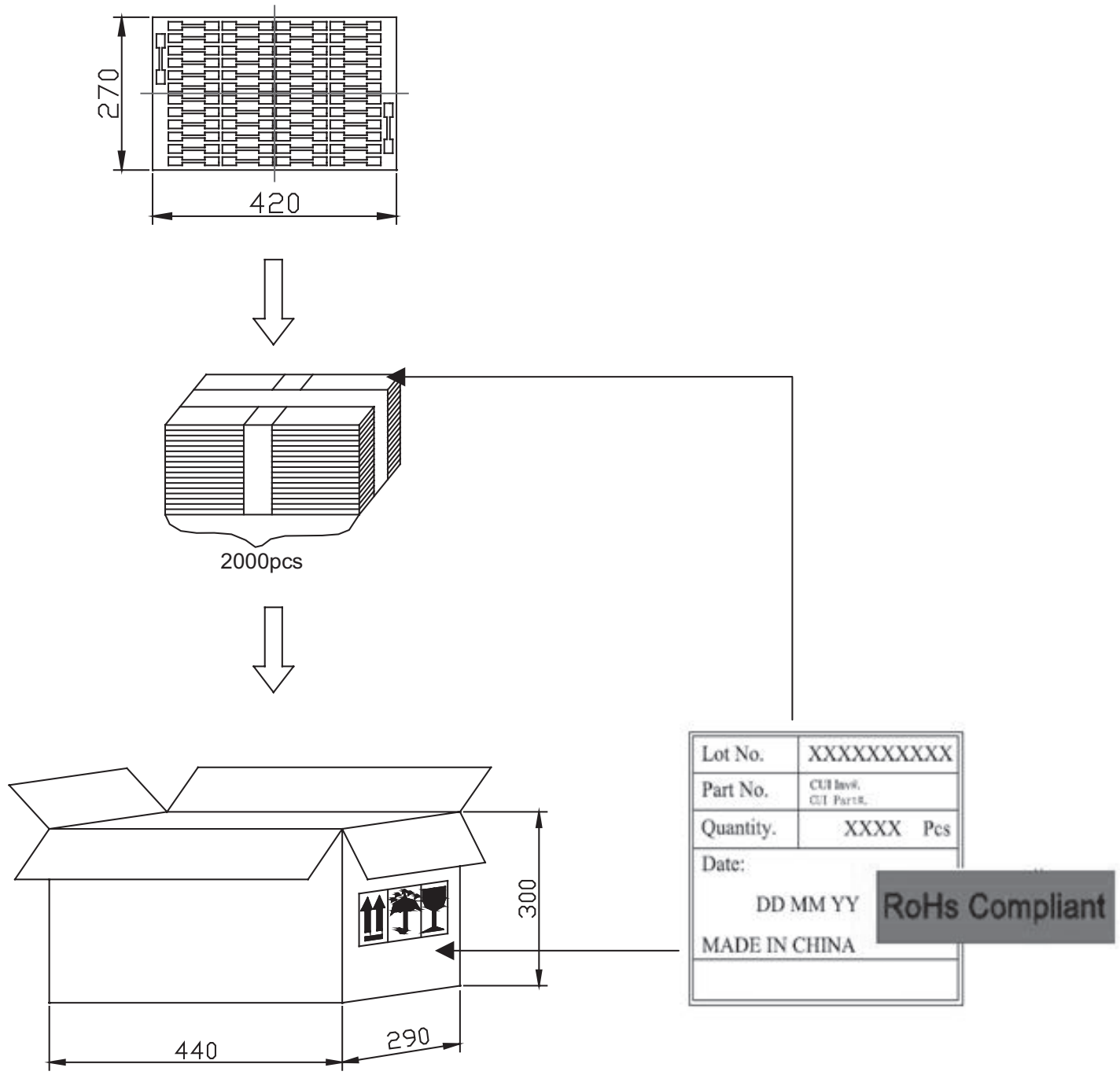
Test Conditions: 1.5 W / 10 cm



PACKAGING

units: mm

Tray Size: 420 x 270 x 13 mm
Tray QTY: 100 pcs per tray
Carton Size: 440 x 290 x 300 mm
Carton QTY: 2,000 pcs per carton



REVISION HISTORY

rev.	description	date
1.0	initial release	06/10/2020
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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