CUDEVICES

MODEL: CMS-30205-158L120-67 | **DESCRIPTION:** SPEAKER

FEATURES

- 8 ohm rated impedance
- 120 mm lead wire
- IP67 rated



RoHS IP67

SPECIFICATIONS

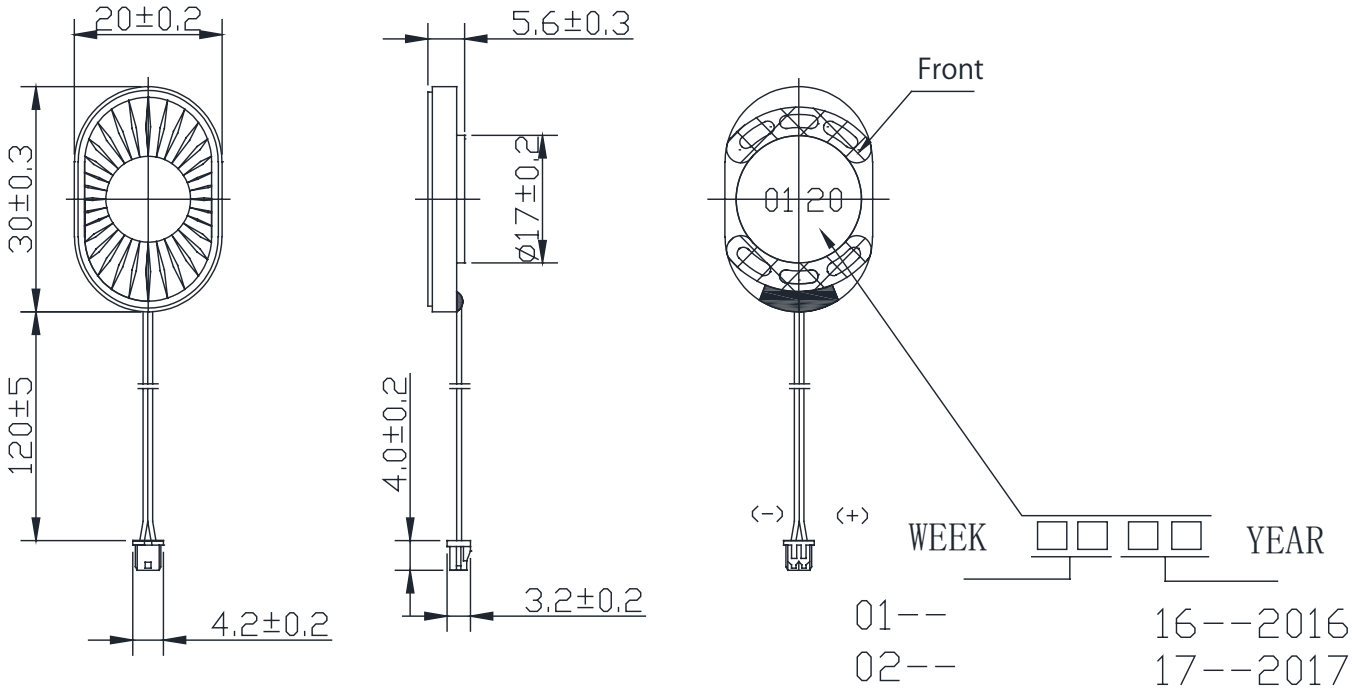
parameter	conditions/description	min	typ	max	units
input power	max power: IEC-60268-5, filter 60 seconds on, 120 seconds off, 10 cycles (room temp)		1.5	2.0	W
impedance	at 3.0 kHz, 1.0 V	6.8	8	9.2	Ω
resonant frequency (Fo)	at 1.0 V	720	900	1,080	Hz
frequency response		Fo		20,000	Hz
sound pressure level	at 1.0 W, 10 cm, avg at 2.0, 3.0, 4.0, 5.0 kHz	93	96	99	dB
distortion	at 1.0 kHz, 1.0 W			10	%
buzz, rattle, etc.	must be normal at sine wave, Fo~20 kHz			3.46	V
polarity	cone moves forward w/ positive dc current to "+" terminal				
dimensions	30.0 x 20 x 5.6				mm
magnet	Nd-Fe-B				
frame material	PBT				
cone material	PEN				
terminal	wire leads with connector				
weight			4.6		g
operating temperature		-40		70	°C
storage temperature		-40		85	°C
RoHS	yes				
IP level	IP67 (front side)				

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: ±0.5 mm

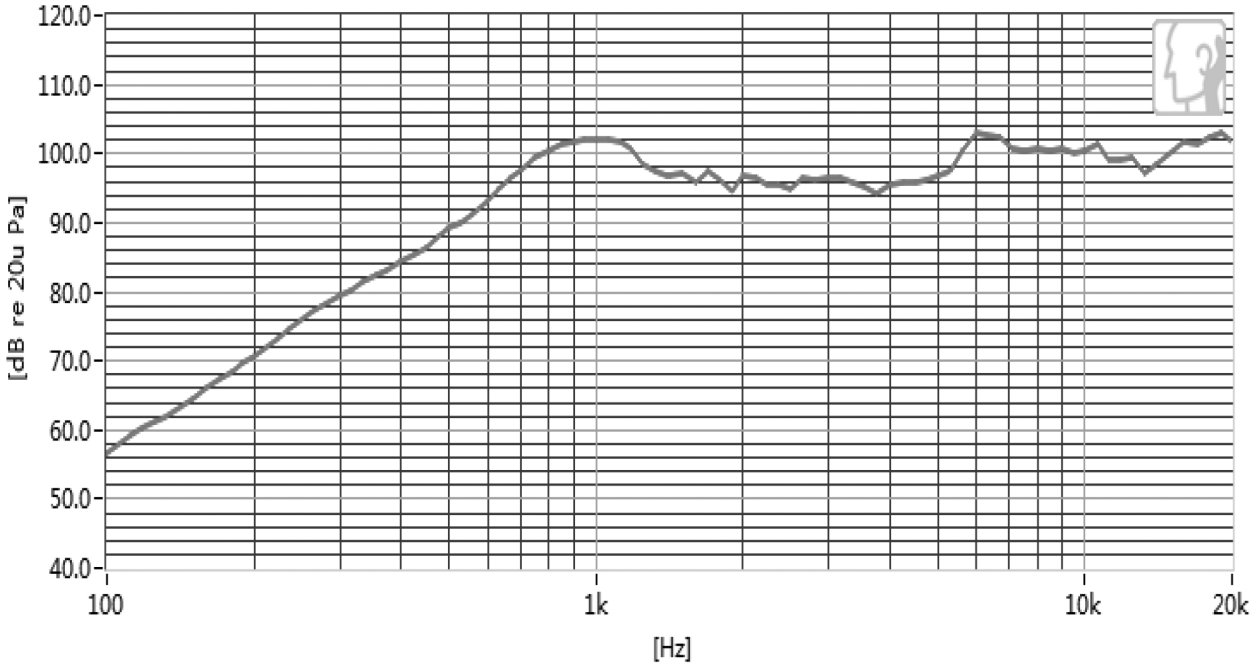
wire: UL1571 30 AWG
connector: Molex 51021-0200 or equivalent; P=1.25



RESPONSE CURVES

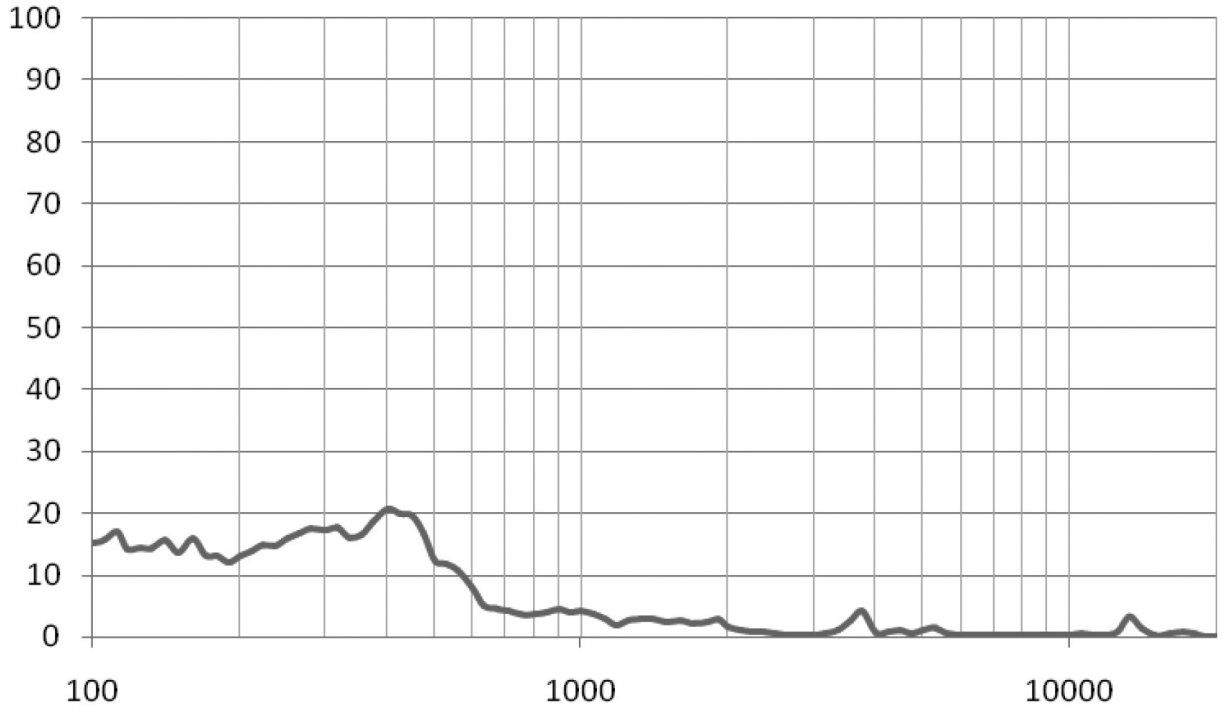
Frequency Response Curve

Test Conditions: 1.0 W / 10 cm



Total Harmonic Distortion Curve

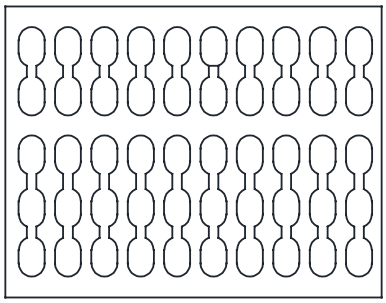
Test Conditions: 1.0 W / 10 cm



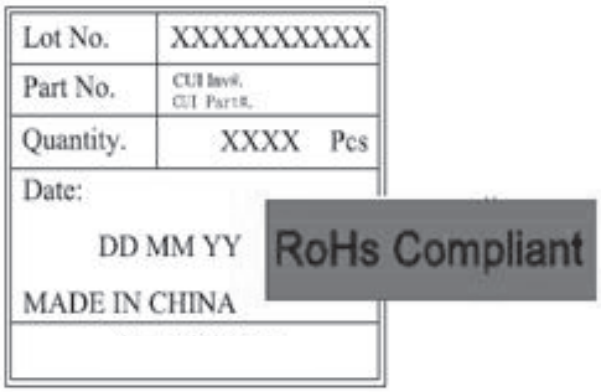
PACKAGING

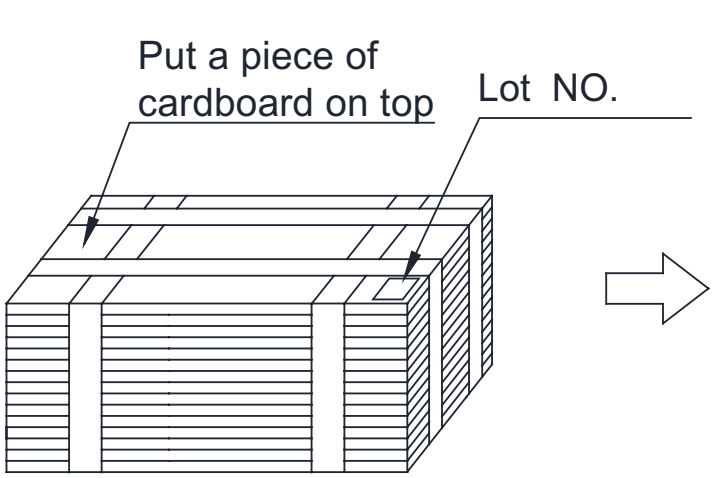
units: mm

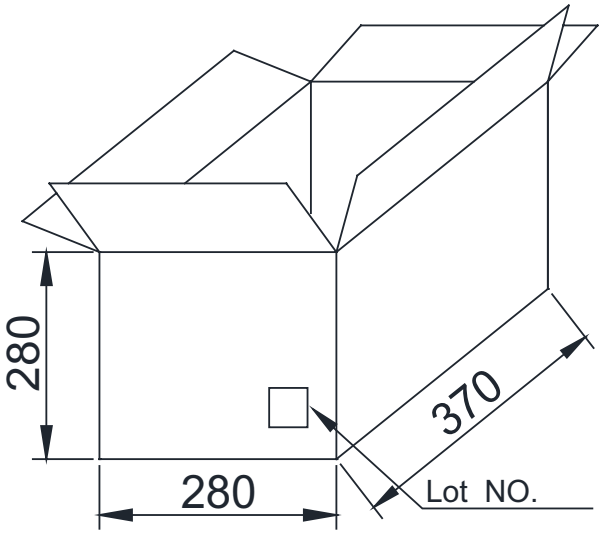
Tray Size: 350 x 235 x 13 mm
Tray QTY: 50 pcs per tray
Carton Size: 370 x 280 x 280 mm
Carton QTY: 1,000 pcs per carton



50pcs







50pcs*20=1000pcs/捆

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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CUI Devices products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

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