CUDEVICES

MODEL: CDS-5532-204L300 | **DESCRIPTION:** SPEAKER

FEATURES

- 8 ohm
- rated 20 W
- lead wire

RoHS

SPECIFICATIONS

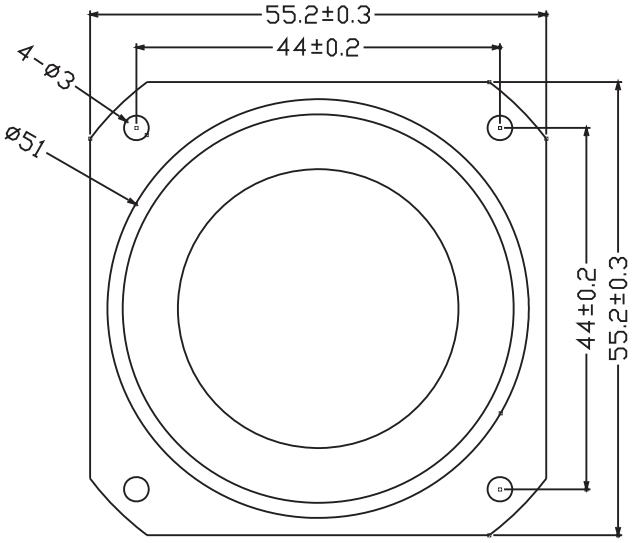
parameter	conditions/description	min	typ	max	units
input power	maximum power: IEC-60268-5 filter 60s on/120s off 10 cycles (room temp.)		20.0	25.0	W
impedance	at 1.0 kHz, 1.0 Vrms DCR	3.40 3.06	4.00 3.60	4.60 4.14	Ω Ω
resonant frequency (Fo)	at 1.0 Vrms	120	150	180	Hz
frequency response		150		20,000	Hz
sound pressure level	at 1.0 W, 1 m, avg at 0.6, 1.0, 1.9, 3.1 kHz	80	83	86	dB
distortion	at 1.0 kHz, 1.0 W, 1 m			5	%
buzz, rattle, etc.	must be normal at sine wave, from Fo to 10 kHz			8.94	V
polarity	cone moves forward w/ positive dc current to "+" terminal				
dimensions	55.2 x 55.2 x 32.5				mm
magnet	Nd-Fe-B				
frame material	SPCC				
cone material	rubber + paper				
terminal	solder eyelets				
weight			75.0		g
operating temperature		-25		60	°C
storage temperature		-25		70	°C
hand soldering	for 1~3 seconds	360	370	380	°C
RoHS	yes				

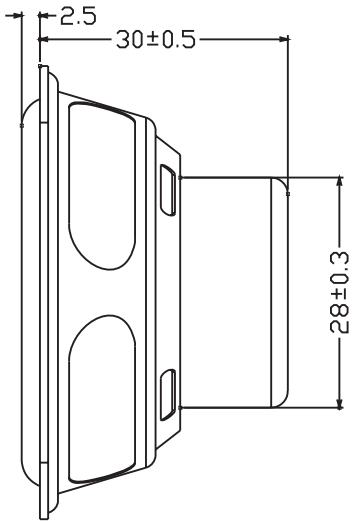
Notes: 1. All specifications measured at 5~35 °C, humidity at 45~85%, under 86~106 kPa pressure, unless otherwise noted.

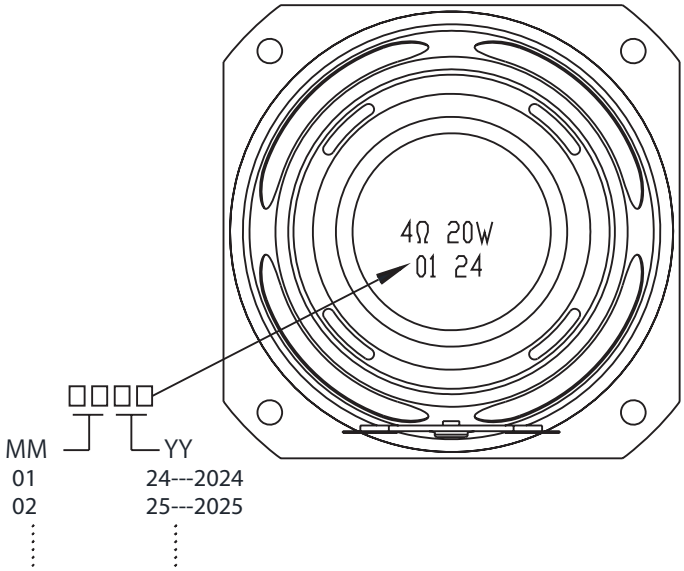
MECHANICAL DRAWING

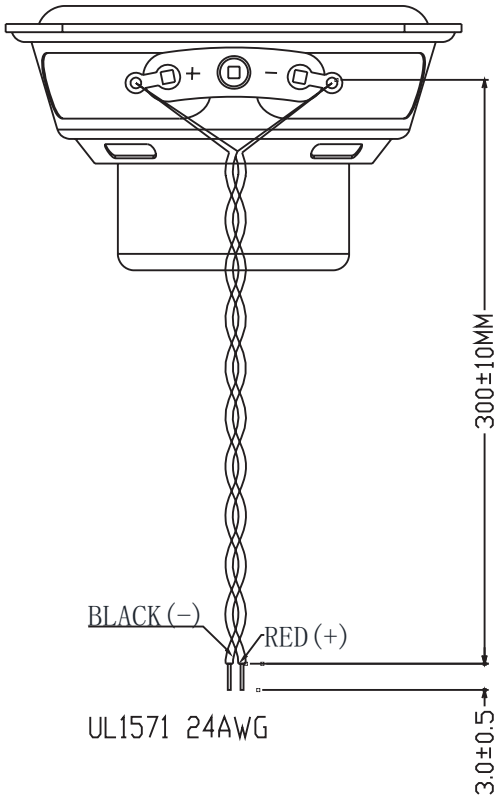
units: mm
tolerance: ±0.5 mm

wire: UL1571 24 AWG



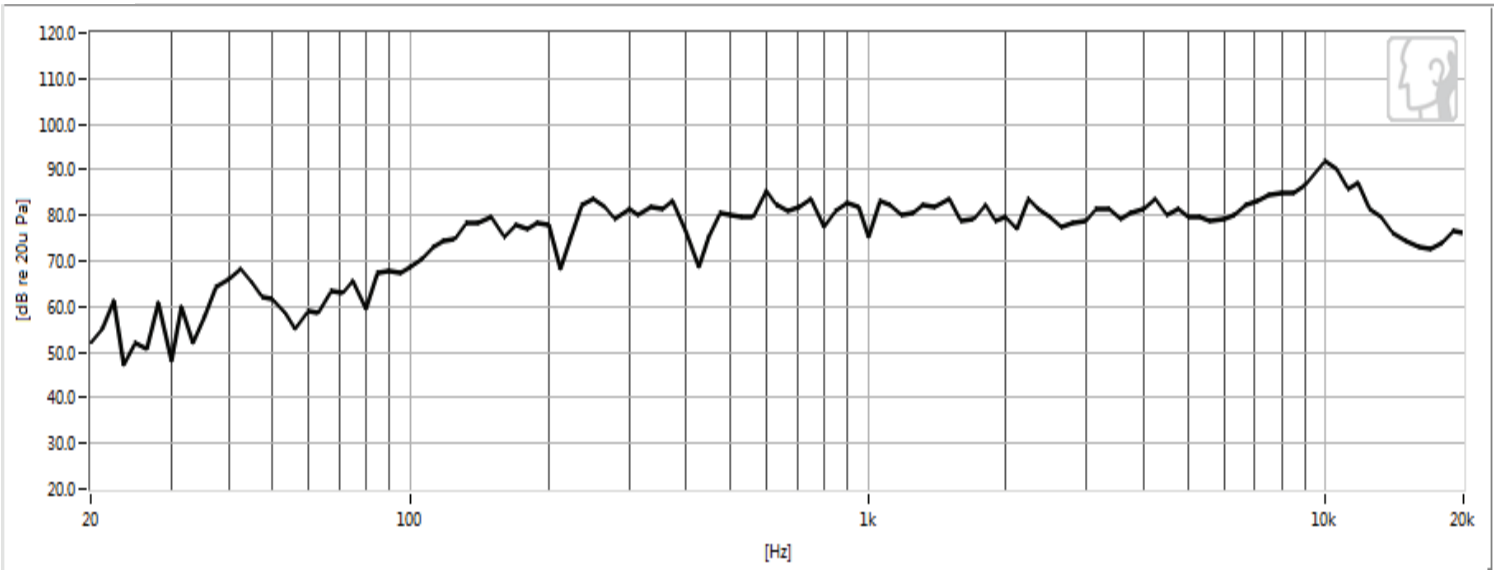




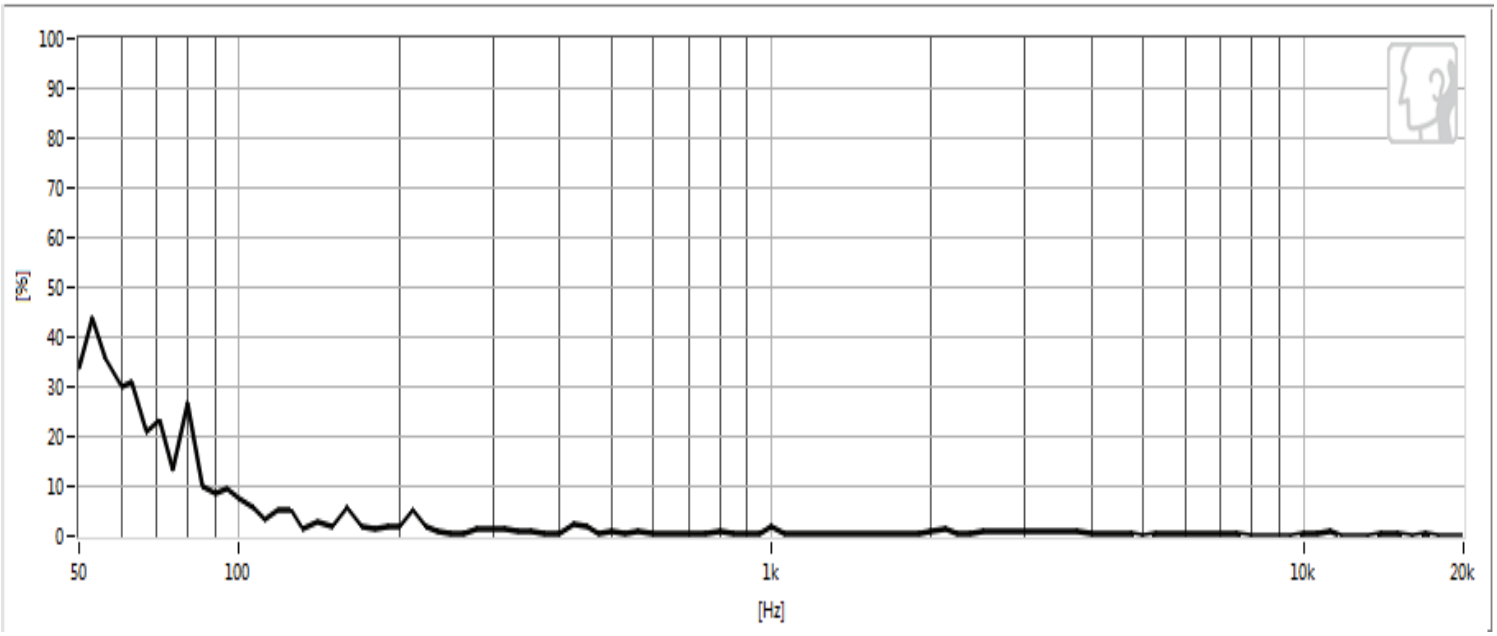


RESPONSE CURVES

Frequency Response Curve



Total Harmonic Distortion Curve



REVISION HISTORY

rev.	description	date
1.0	initial release	06/14/2024

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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