CUDEVICES

MODEL: CTW-5424-108SE | **DESCRIPTION:** TWEETER

FEATURES

- tweeter
- Fo 1300 Hz
- paper diaphragm

RoHS

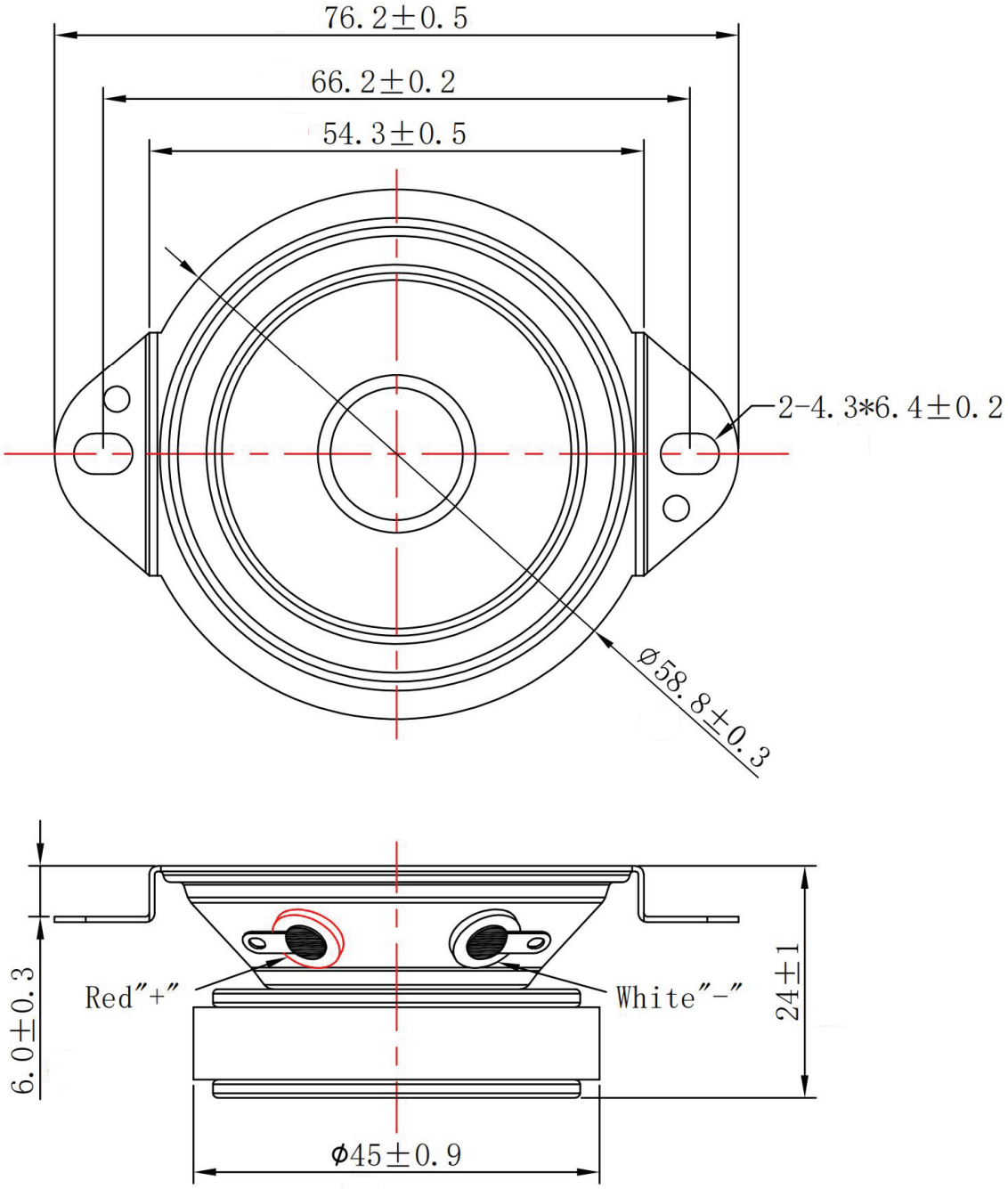
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
input power			10.0	15.0	W
impedance	DCR at 2.0 kHz, 1.0 W	6.696 6.8	7.200 8.0	7.704 9.2	Ω Ω
resonant frequency (Fo)	at 1.0 W	1,040	1,300	1,560	Hz
frequency response		Fo		20,000	Hz
sound pressure level	at 1.0 W, 1 m, ave at 2.0, 3.0, 4.0, 6.0 kHz	86	89	92	dB
distortion	at 2.0 kHz, 1.0 W			10	%
pure sound detection	input signal: sine wave from 1,300 to 8,000 Hz for 3 seconds/2 cycles		6.32		V
polarity	cone moves backwards w/ positive dc current to “+” terminal				
dimensions	ø58.8 x 24.0				mm
magnet	ferrite				
frame material	SPCC				
cone material	paper				
terminal	solder terminals				
weight		97.2	108.0	118.8	g
operating temperature		-25		55	°C
storage temperature		-25		55	°C
hand soldering	for maximum 3 seconds	370	400	430	°C
RoHS	yes				

Notes: 1. All specifications measured at 20±2°C, humidity at 63~67%, under 86~106 kPa pressure, unless otherwise noted.

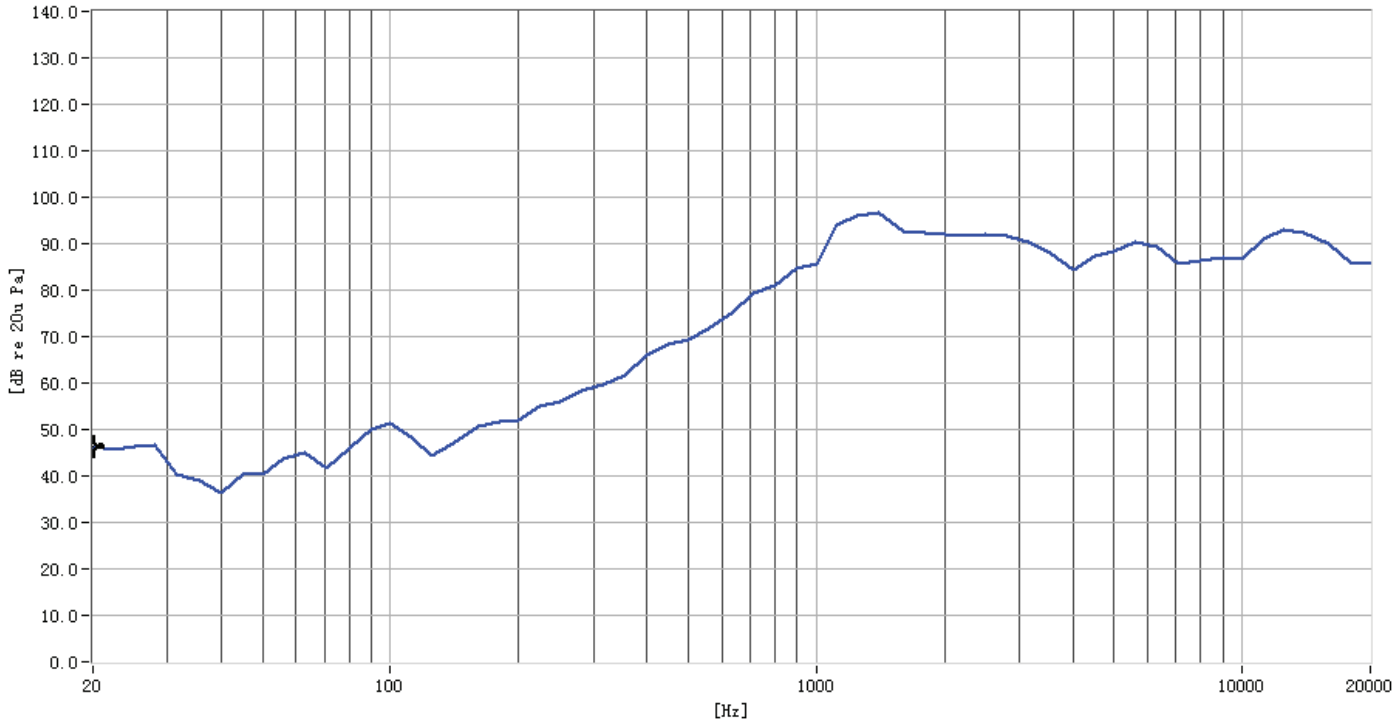
MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm
unless otherwise noted

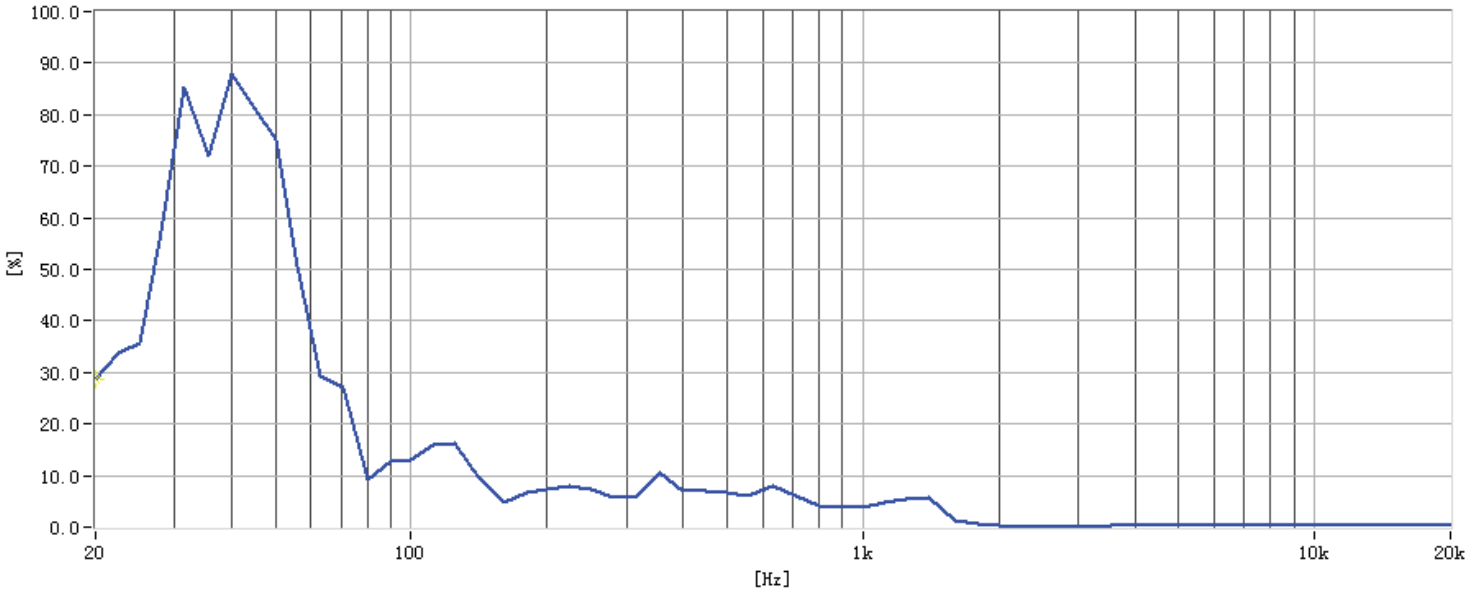


RESPONSE CURVES

Frequency Response Curve



Total Harmonic Distortion Curve



REVISION HISTORY

rev.	description	date
1.0	initial release	04/23/2024

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