CUI Devices is now Same Sky! Learn More

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

FEATURES

- tweeter
- Fo 1300 Hz
- paper diaphragm



RoHS

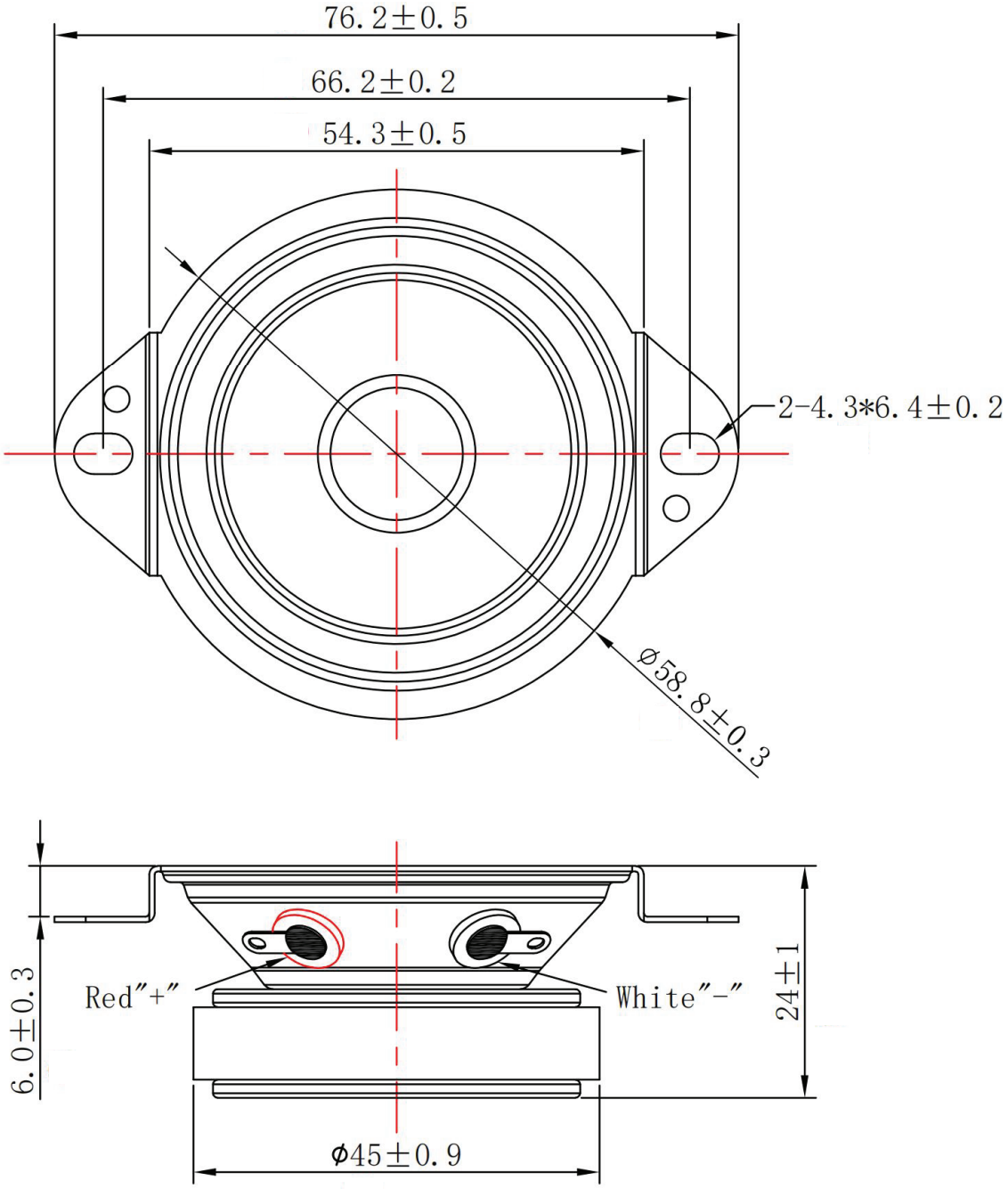
SPECIFICATIONS

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.

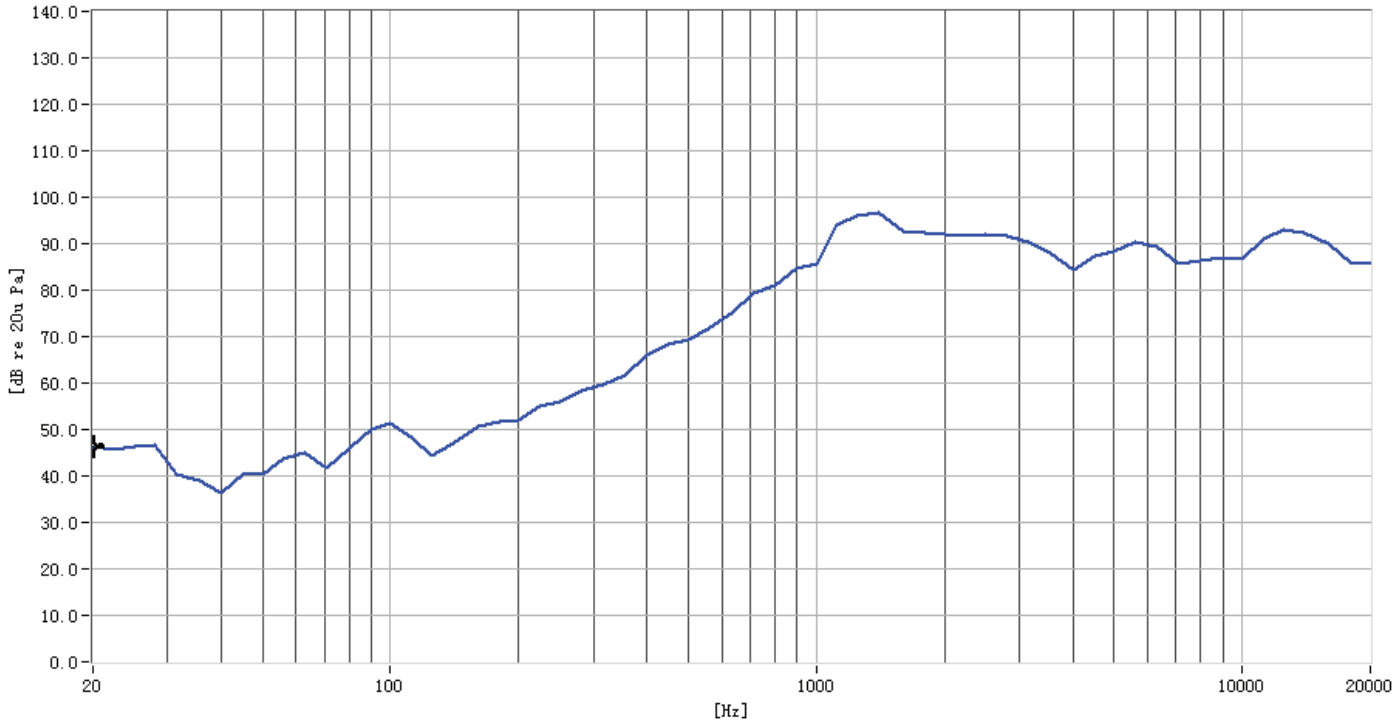
MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm
unless otherwise noted

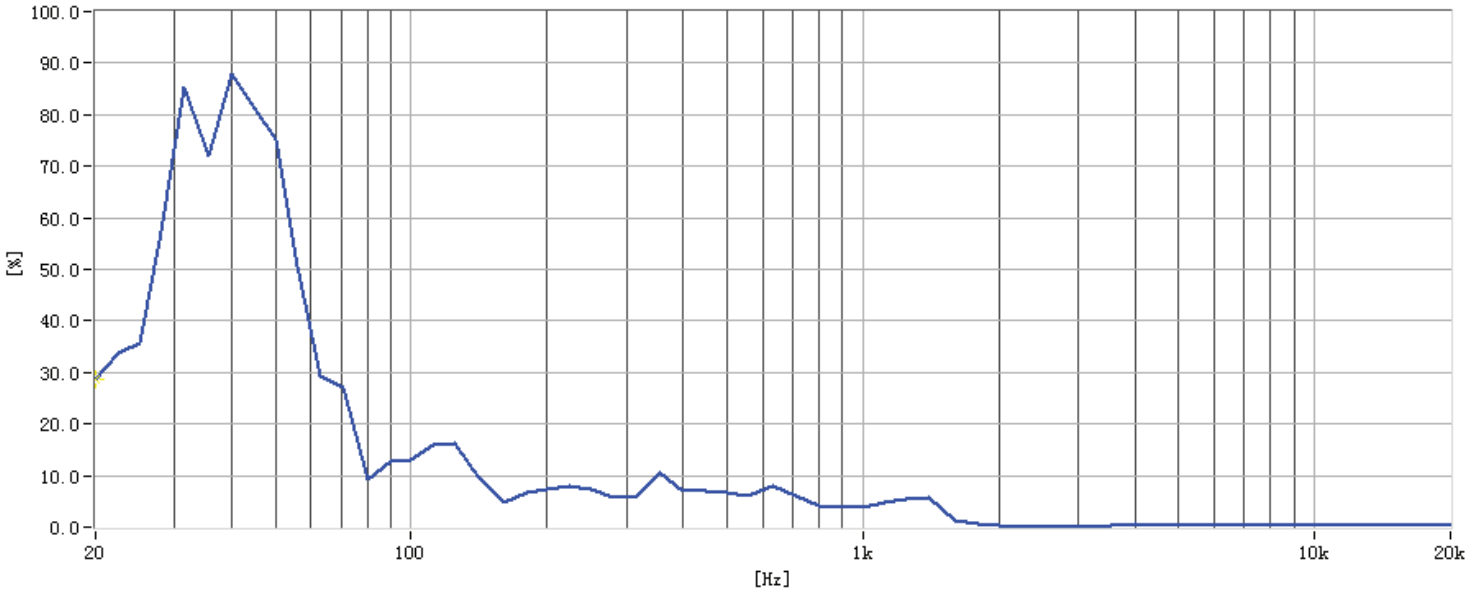


RESPONSE CURVES

Frequency Response Curve



Total Harmonic Distortion Curve



REVISION HISTORY

rev.	description	date
1.0	initial release	04/23/2024
1.01	CUI Devices rebranded to Same Sky	09/11/2024

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

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

Same Sky reserves the right to make changes to the product at any time without notice. Information provided by Same Sky is believed to be accurate and reliable. However, no responsibility is assumed by Same Sky for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

Same Sky 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.