CUI Devices is now Same Sky! Learn More

MODEL: CMS-3495-0550S | DESCRIPTION: SPEAKER

FEATURES

- tension spring contact
- 50 Ω impedance
- rated 0.5 W

RoHS

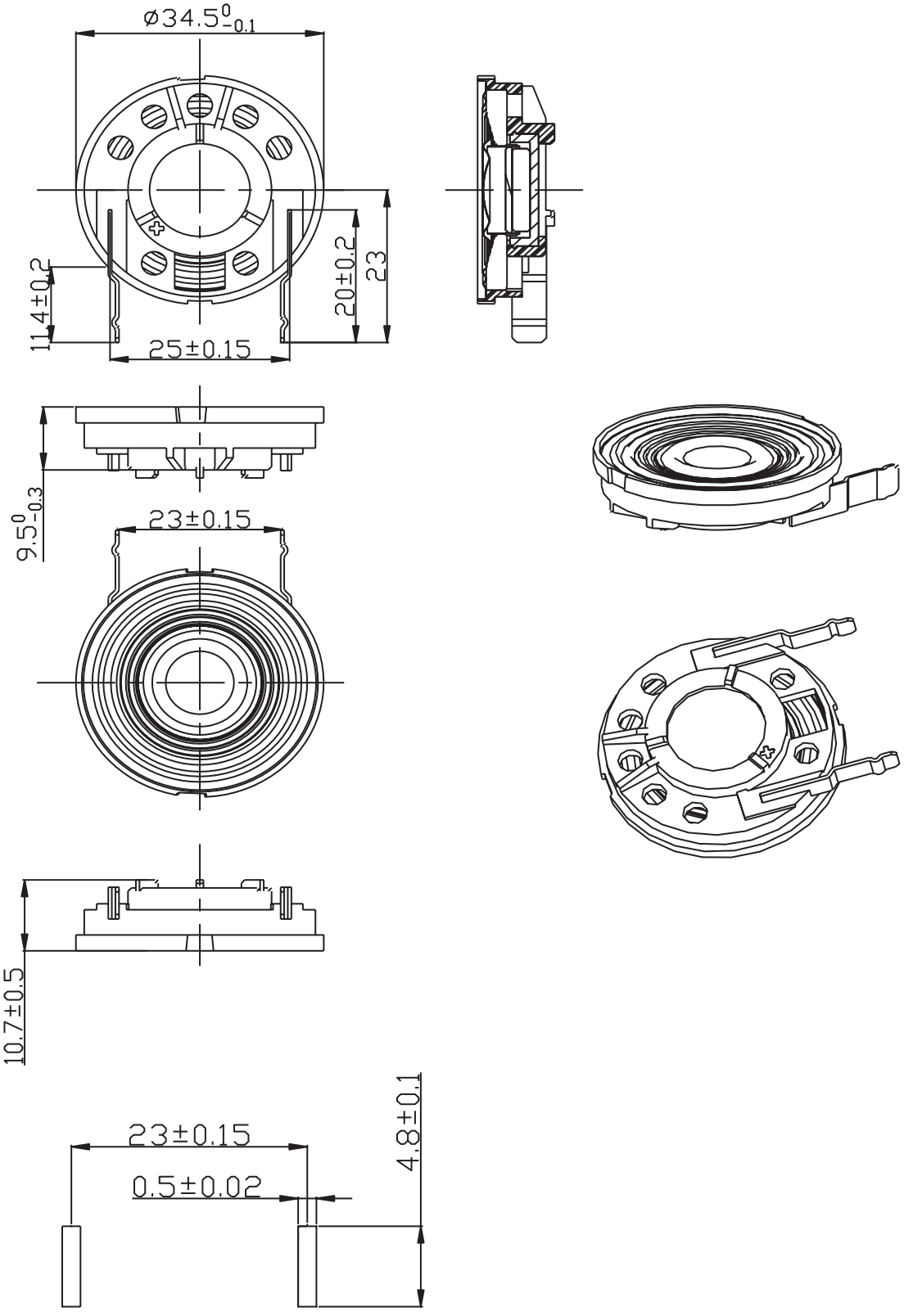
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
input power	max power: 60 seconds on, 120 seconds off, 10 cycles		0.5	1.0	W
impedance	at 2.0 kHz, 1.0 V	42.5	50	57.5	Ω
resonant frequency (Fo)	at 1.0 V		600		Hz
frequency response		450		4,000	Hz
sound pressure level	at 0.5 W, 50 cm, avg at 0.6, 0.8, 1.0 kHz	84			dB
distortion	at 0.6 kHz, 0.1 W at 0.6 kHz, 0.5 W			5 10	% %
buzz, rattle, etc.	must be normal at sine wave, between 450 - 4 kHz			5.0	V
polarity	cone moves forward w/ positive dc current to "+" terminal				
dimensions	Ø34.5 x 10.7				mm
magnet	Nd-Fe-B				
frame material	PBT				
cone material	PEN				
terminal	spring terminals				
weight			10.2		g
operating temperature		-20		60	°C
storage temperature		-20		70	°C
RoHS	yes				

Notes: 1. All specifications measured at 15~35°C, humidity at 45~85%, under 86~106 kPa pressure, unless otherwise noted.

MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm
unless otherwise specified

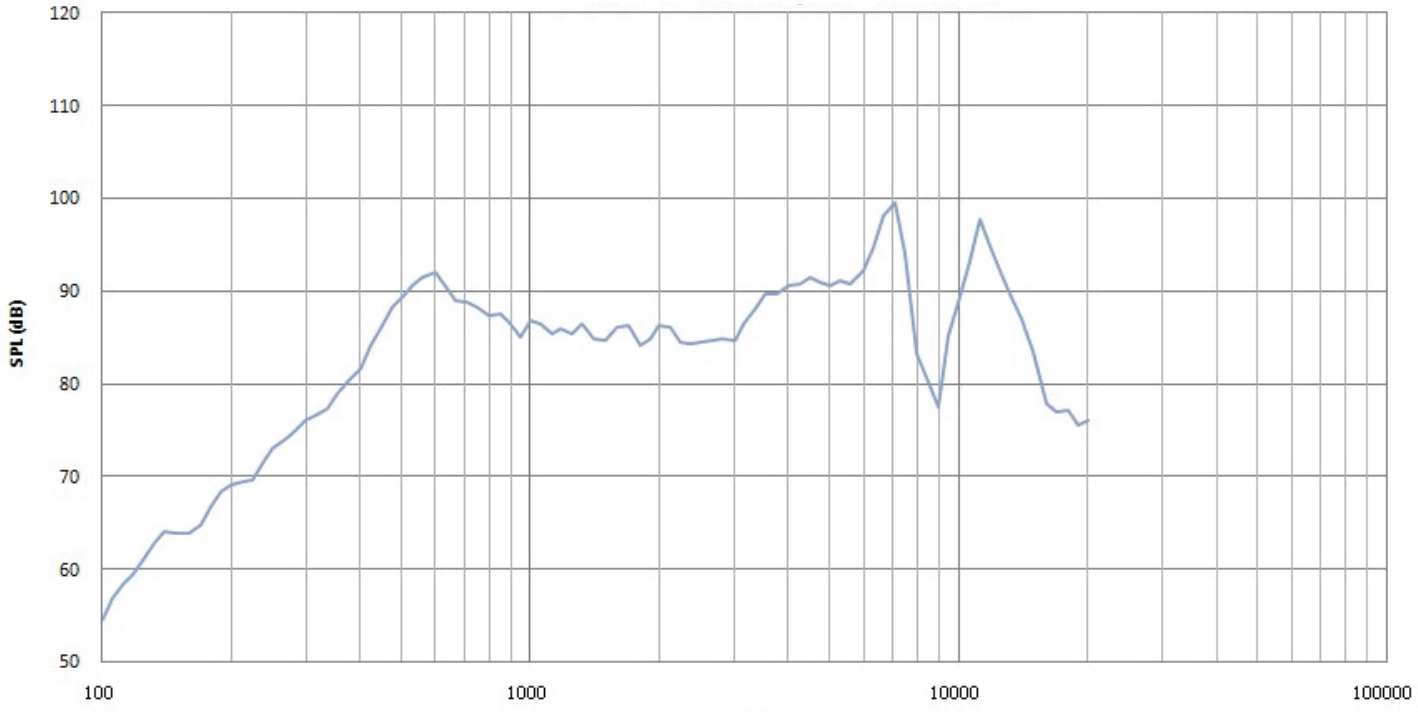


Recommended PCB Layout
Top View

RESPONSE CURVES

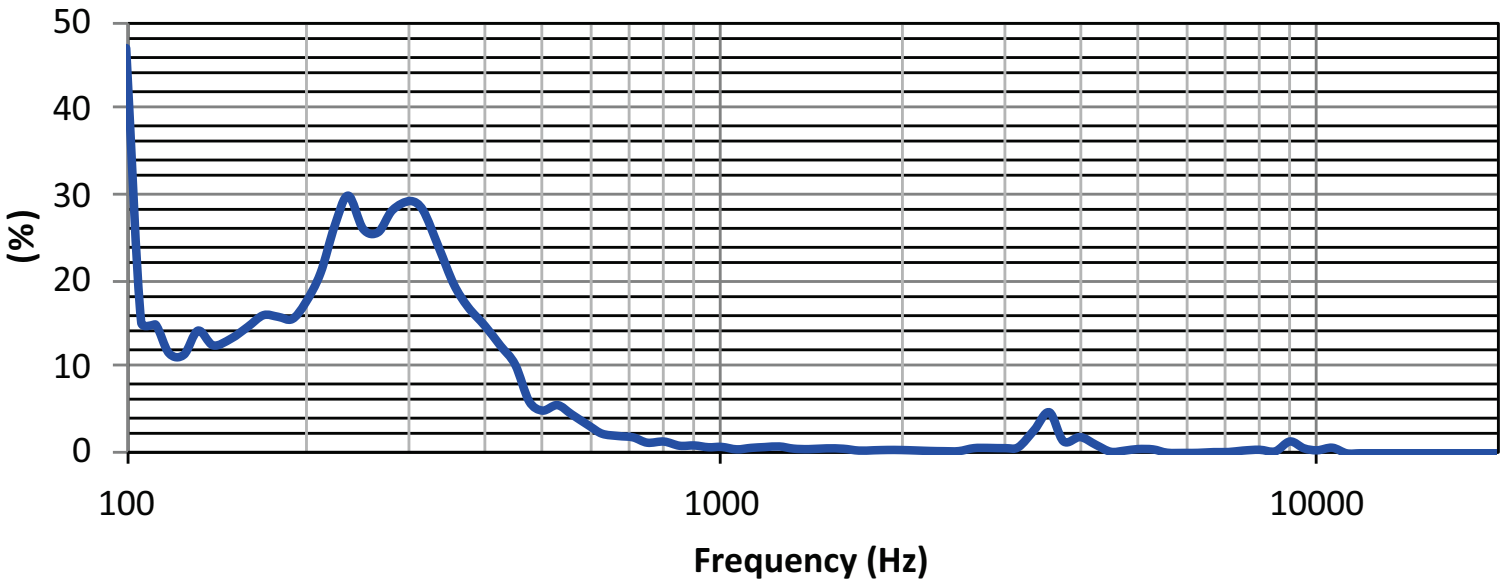
Frequency Response Curve

Test Conditions: 0.5 W / 50 cm



Total Harmonic Distortion Curve

Test Conditions: 0.5 W / 50 cm



REVISION HISTORY

rev.	description	date
1.0	initial release	04/05/2024
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

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

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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.

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