CUDEVICES

MODEL: CDS-5709-254SP | **DESCRIPTION:** SPEAKER

FEATURES

- 4 ohm
- rated 2.5 W
- solder terminals



RoHS

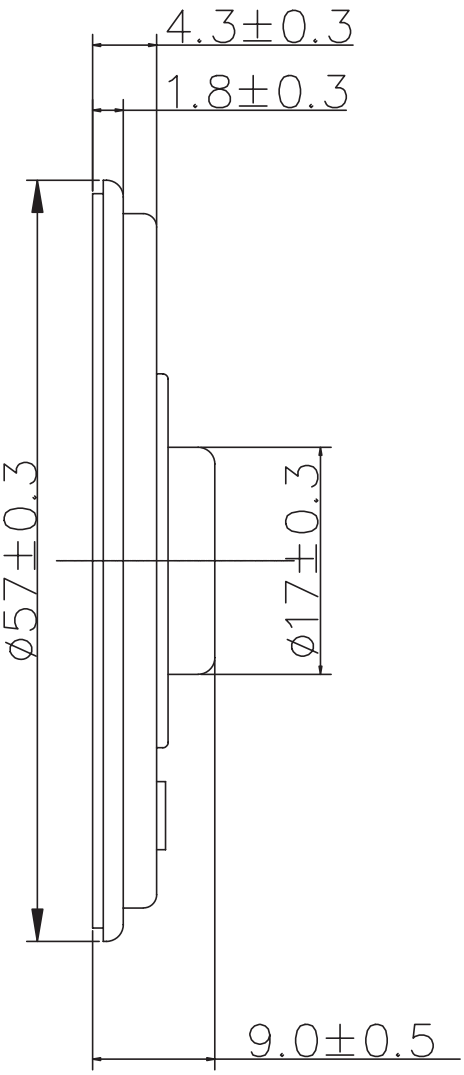
SPECIFICATIONS

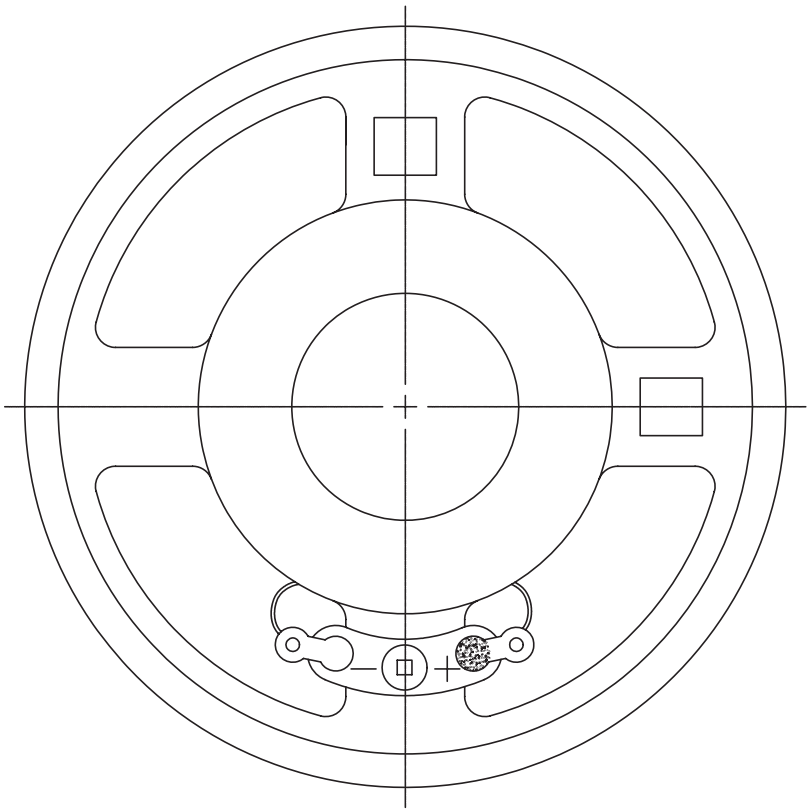
parameter	conditions/description	min	typ	max	units
input power			2.5	3	W
impedance		3.4	4	4.6	Ω
resonant frequency (Fo)		360	450	540	Hz
frequency response		Fo		2,650	Hz
sound pressure level	at 1.0 W, 50 cm, avg 0.8, 1.0, 1.2, 1.5 kHz	87	90	93	dB
distortion	at 1.0 kHz, 1.0 W, 50 cm			10	%
buzz, rattle, etc.	must be normal at sine wave, frequency range			3.16	V
polarity	cone moves forward w/ positive dc current to “+” terminal				
dimensions	Ø57 x 9				mm
magnet	Nd-Fe-B				
frame material	iron				
cone material	PET				
terminal	solder terminals				
weight			16.7		g
operating temperature		-20		55	°C
storage temperature		-25		60	°C
hand soldering	for maximum 2 seconds	360		380	°C
RoHS	yes				

Notes: 1. All specifications measured at 15~35°C, humidity at 25~75%, unless otherwise noted.

MECHANICAL DRAWING

units: mm
tolerance: ±0.2 mm

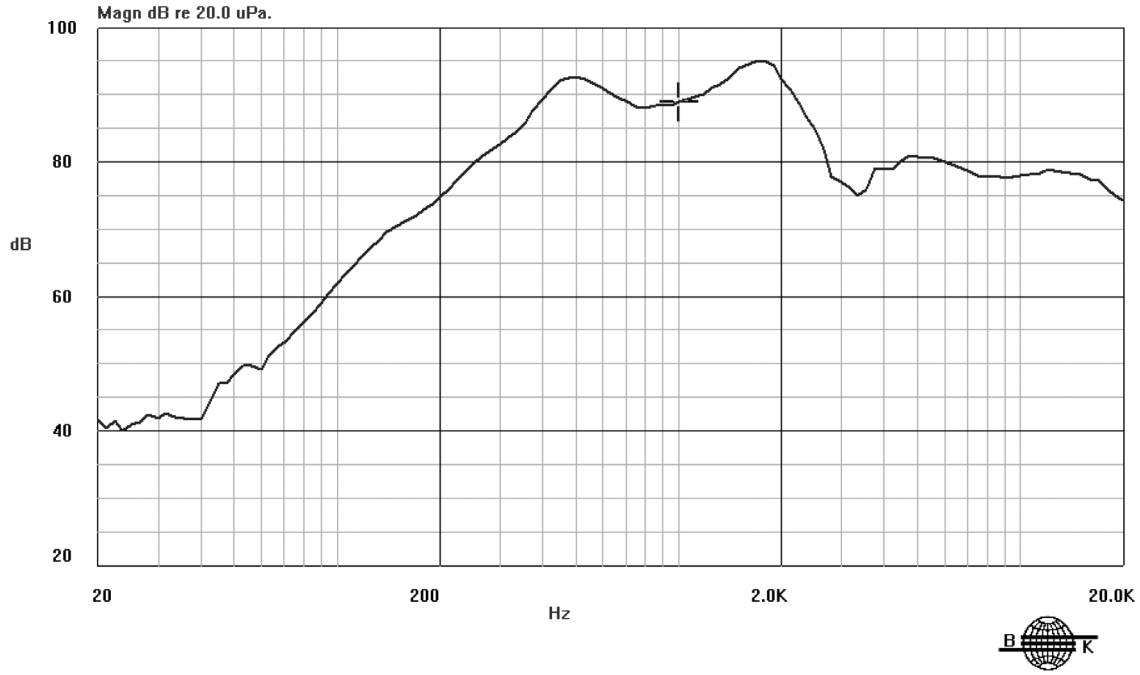




RESPONSE CURVES

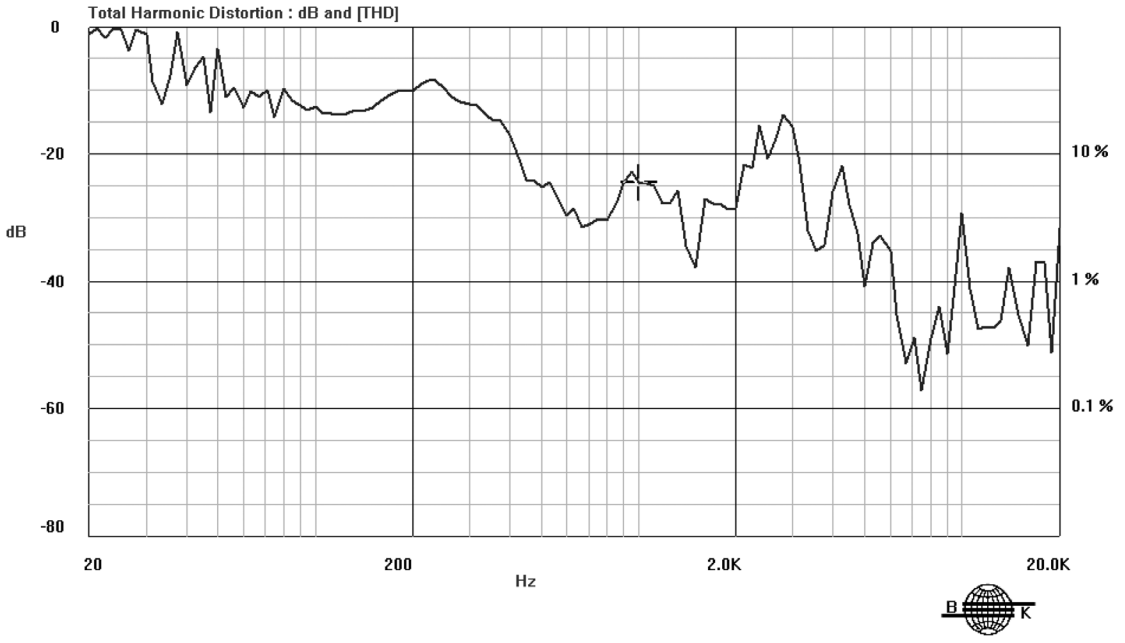
Frequency Response Curve

Test Conditions: 2.0 V / 50 cm



Total Harmonic Distortion Curve

Test Conditions: 2.0 V / 50 cm



REVISION HISTORY

rev.	description	date
1.0	initial release	07/07/2023

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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