CUDEVICES

MODEL: CSS-10237-58 | **DESCRIPTION:** SPEAKER

FEATURES

- 5 W rated power
- 8 ohm rated impedance
- 88 dB at 1 W



RoHS

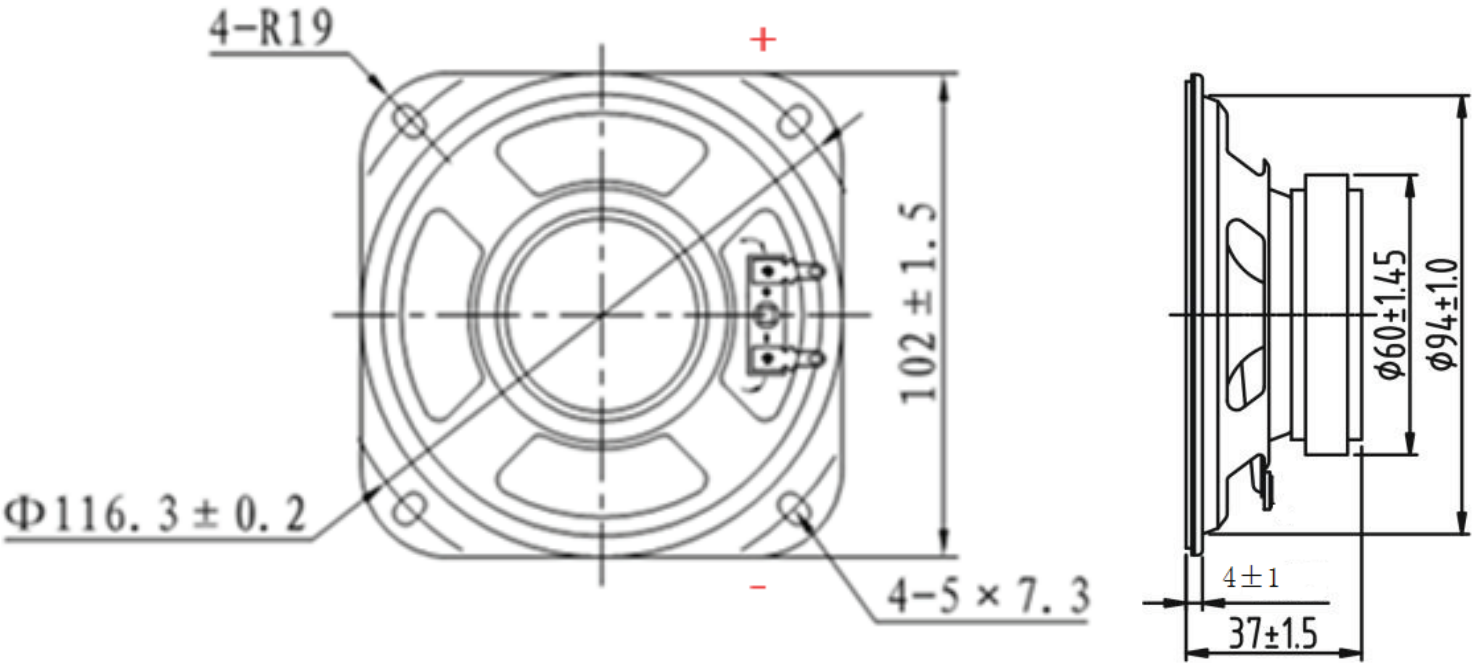
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
input power			5.0	8.0	W
impedance	at 1.0 kHz, 1.0 V	6.8	8	9.2	Ω
resonant frequency (Fo)	at 1.0 V	224	280	336	Hz
frequency response		Fo		6,000	Hz
sound pressure level	at 1.0 W, 50 cm, avg at 0.8, 1.0, 1.2, 1.5 kHz in baffleboard at 5.0 W, 50 cm, avg at 0.8, 1.0, 1.2, 1.5 kHz in baffleboard	85 91	88 94	91 97	dB dB
distortion	at 1.0 kHz, 1 W, 50 cm			8	%
buzz, rattle, etc.	must be normal at sine wave, frequency range between Fo~2 kHz			10.95	V
polarity	cone moves forward w/ positive dc current to "+" terminal				
dimensions	102 x 102 x 37				mm
magnet	ferrite				
frame material	SPCC				
cone material	PET				
terminal	solder terminals				
weight		190	220	250	g
operating temperature		-20		60	°C
storage temperature		-25		70	°C
hand soldering	for maximum 3 seconds			380	°C
RoHS	yes				

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

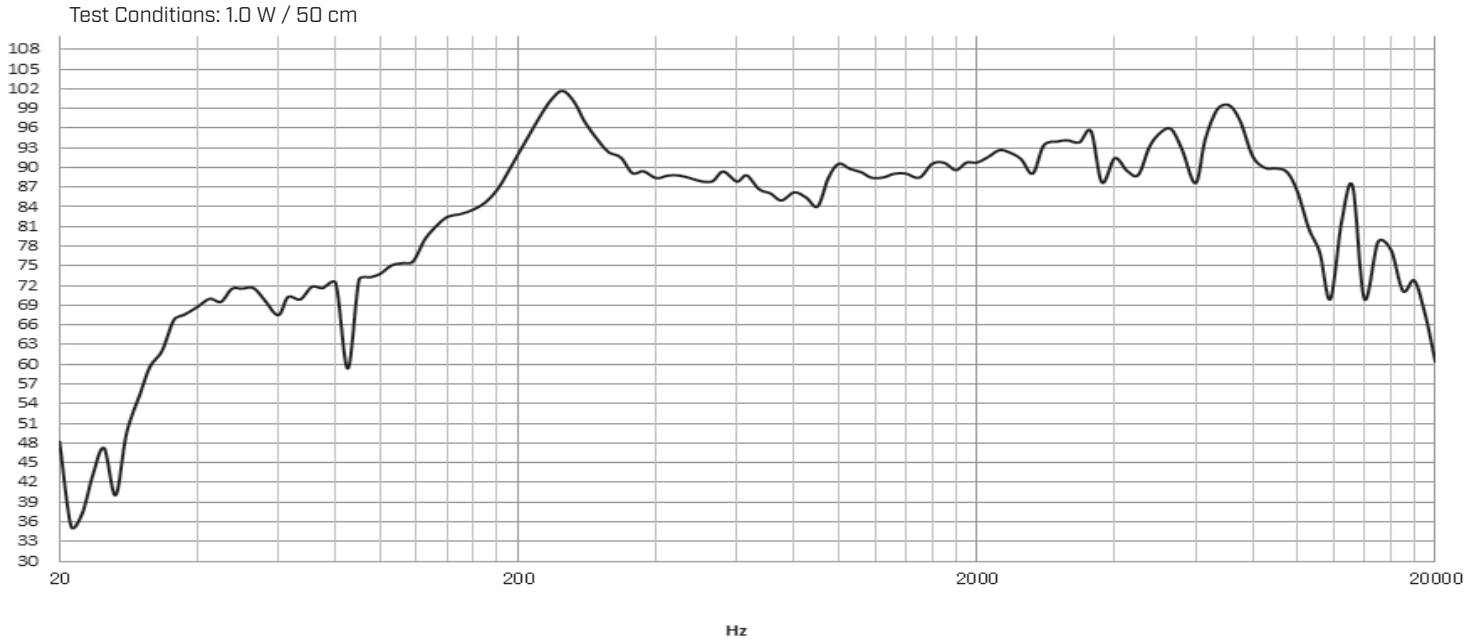
MECHANICAL DRAWING

units: mm
tolerance: ±0.3 mm

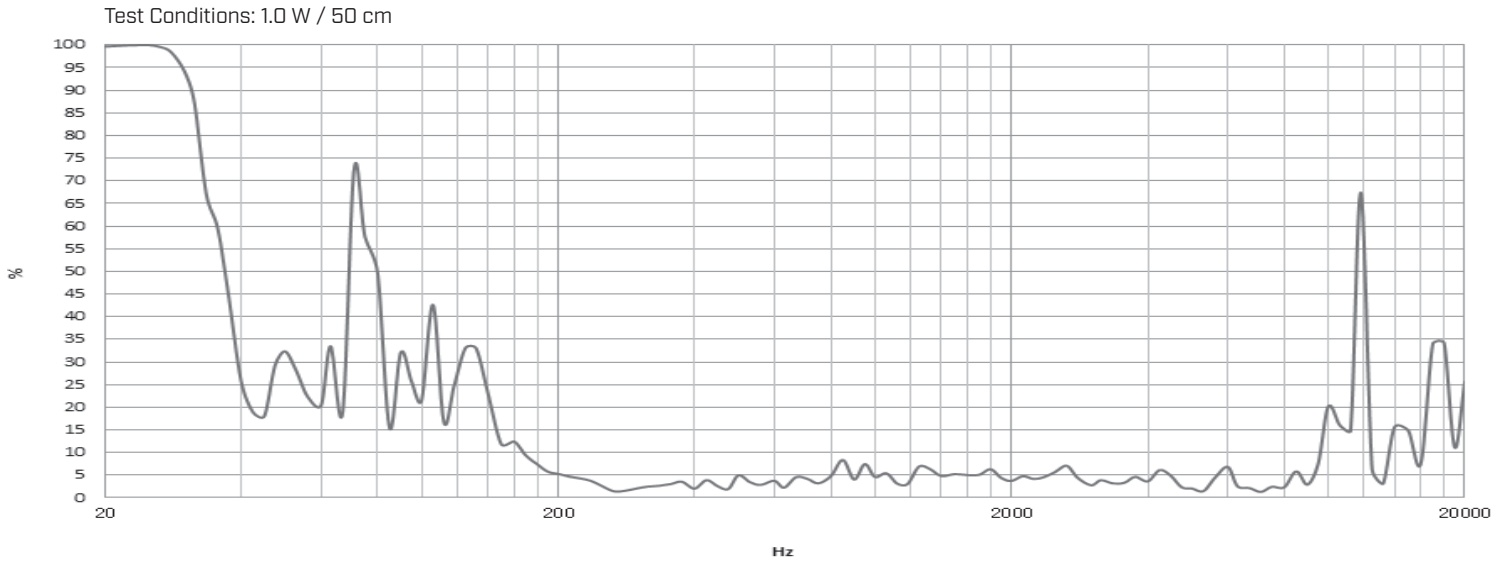


RESPONSE CURVES

Frequency Response Curve



Total Harmonic Distortion Curve

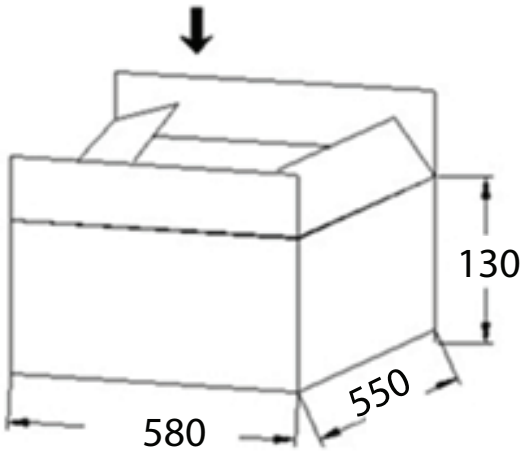


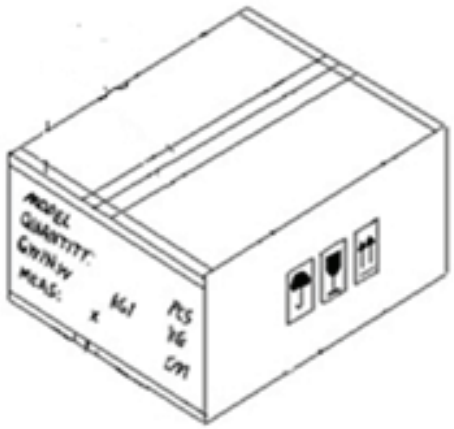
PACKAGING

units: mm

Carton Size: 580 x 550 x 130 mm
Carton QTY: 50 pcs per carton







REVISION HISTORY

rev.	description	date
1.0	initial release	07/16/2020
1.01	logo, datasheet style update	08/05/2022

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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