CUDEVICES

MODEL: CTW-3914-108SE | **DESCRIPTION:** TWEETER

FEATURES

- tweeter
- Fo 1700 Hz
- polyester diaphragm

RoHS

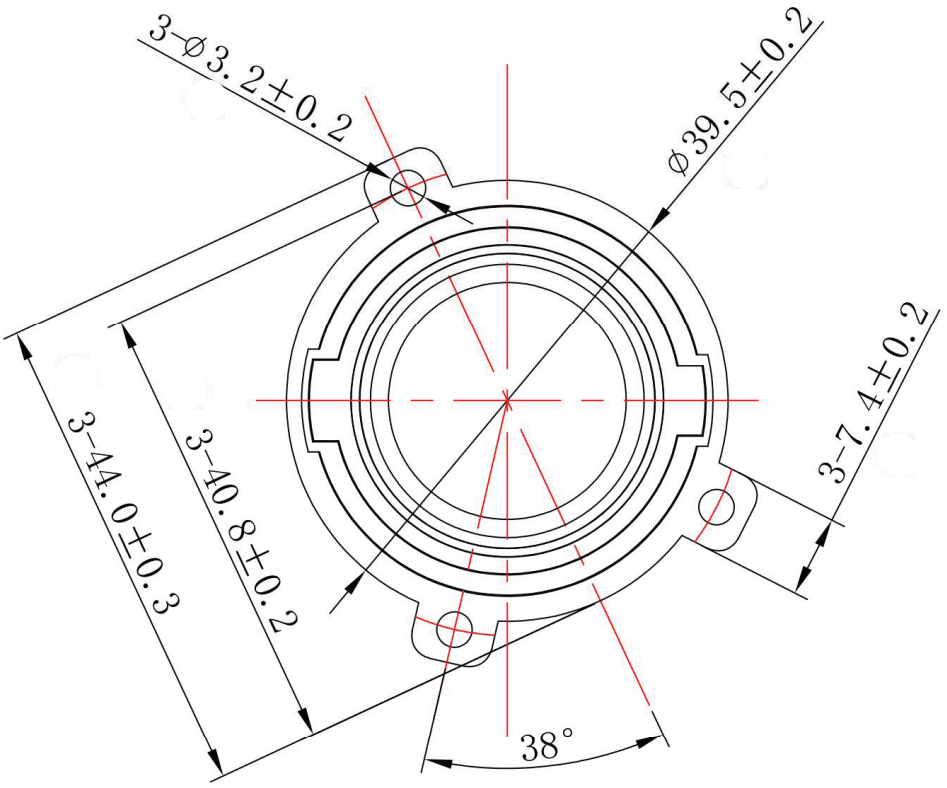
SPECIFICATIONS

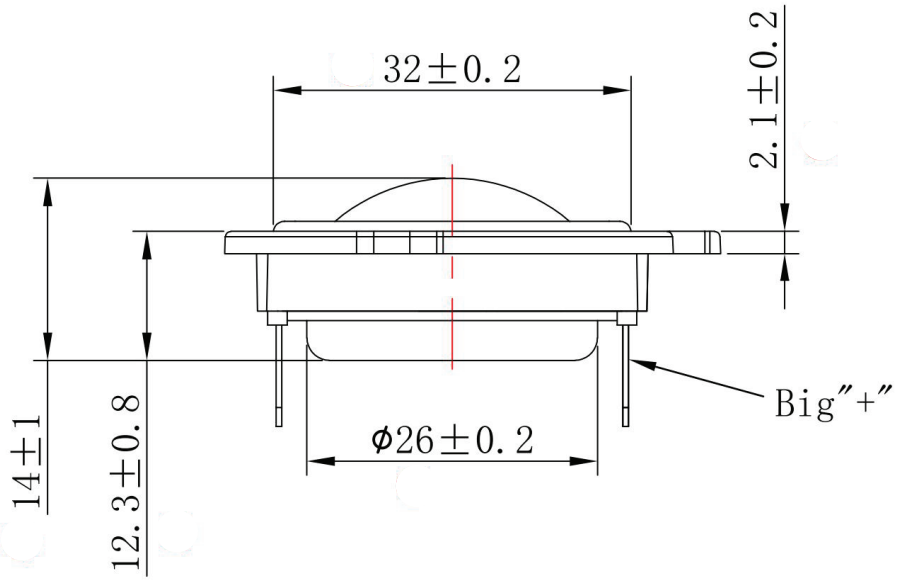
parameter	conditions/description	min	typ	max	units
input power			10.0	15.0	W
impedance	DCR at 4.5 kHz, 1.0 W	7.068 6.8	7.600 8.0	8.132 9.2	Ω Ω
resonant frequency (Fo)	at 1.0 W	1,360	1,700	2,040	Hz
frequency response		Fo		20,000	Hz
sound pressure level	at 1.0 W, 1 m, ave at 2.0, 3.0, 4.0, 6.0 kHz	84	87	90	dB
distortion	at 2.0 kHz, 1 W			10	%
pure sound detection	input signal: sine wave from 1,500 to 8,000 Hz for 3 seconds/2 cycles		6.32		V
polarity	cone moves backwards w/ positive dc current to “+” terminal				
dimensions	ø39.5 x 14.0				mm
magnet	Nd-Fe-B				
frame material	ABS				
cone material	polyester				
terminal	solder terminals				
weight		28.8	32.0	35.2	g
operating temperature		-25		55	°C
storage temperature		-25		55	°C
hand soldering	for maximum 3 seconds	350	380	410	°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

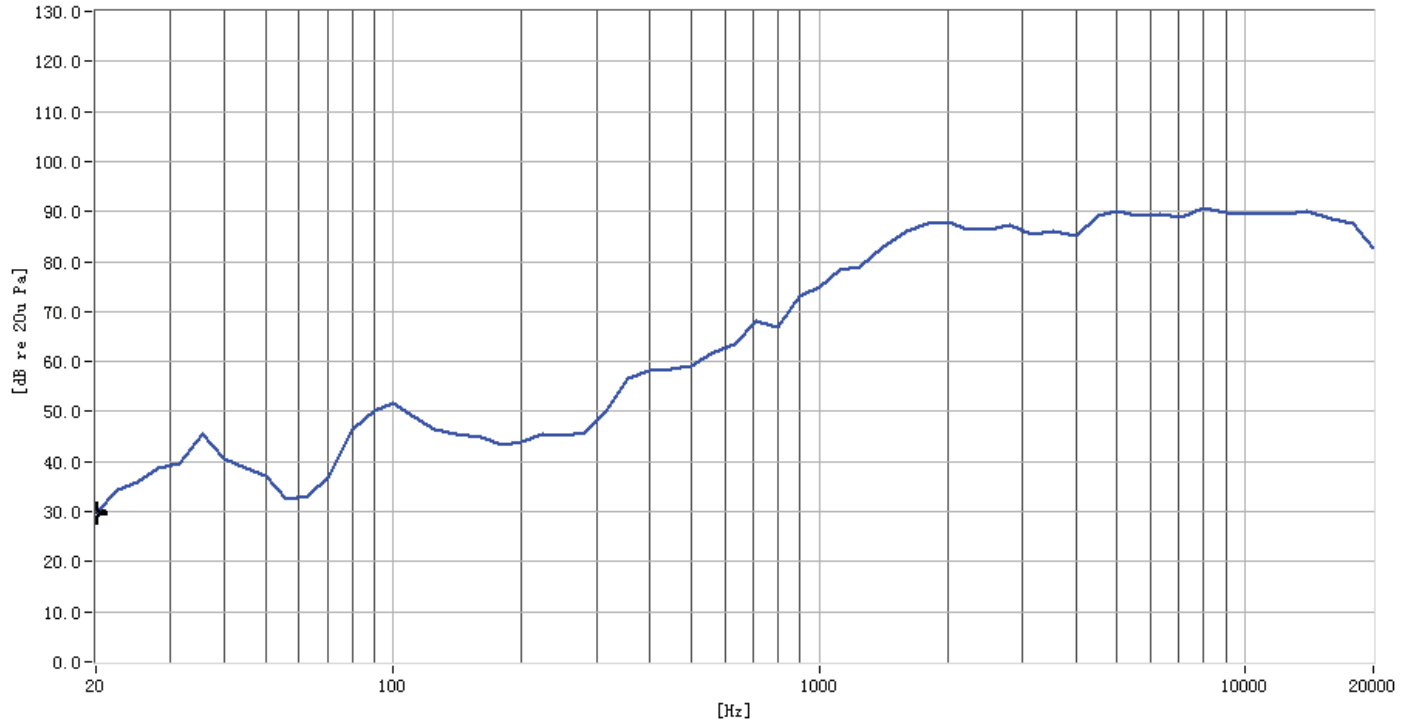
units: mm
tolerance: ±0.5 mm
unless otherwise noted



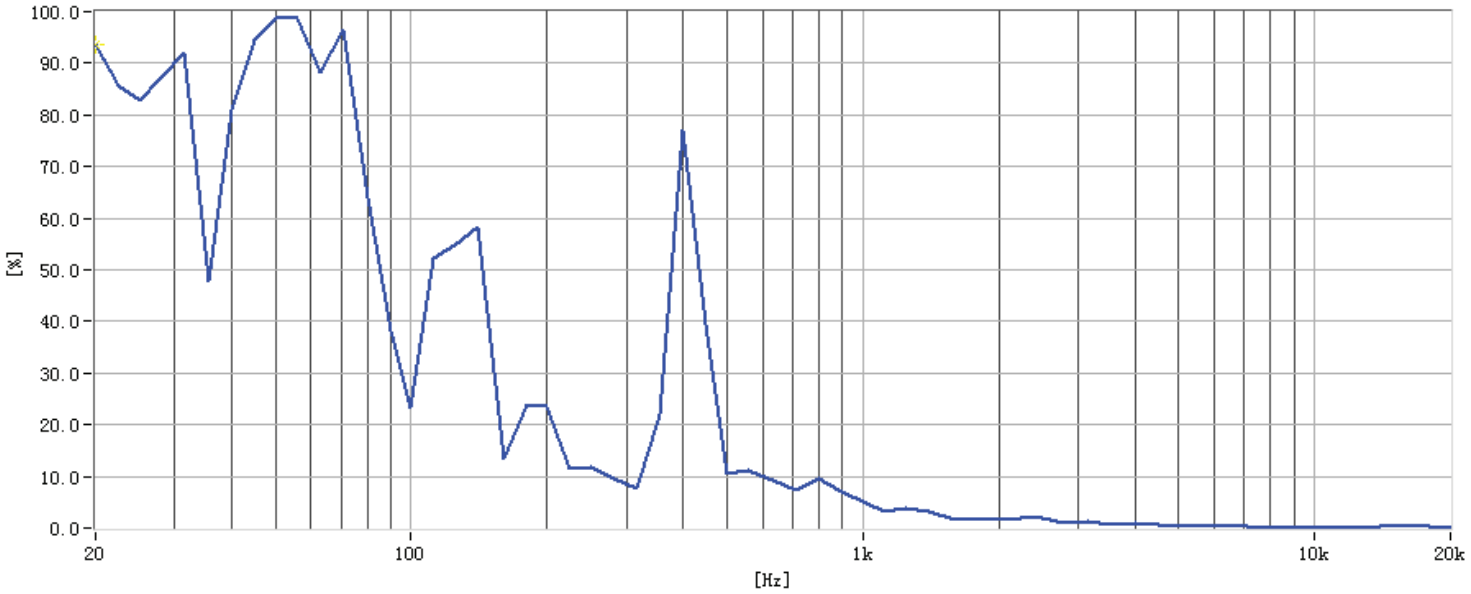


RESPONSE CURVES

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.