

**SERIES:** CES-703310-28X | **DESCRIPTION:** SPEAKER**FEATURES**

- adhesive included
- mounting screw holes
- 400 Hz resonant frequency

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
input power	max power: 1 min. on, 2 min. off, 10 cycles		2.0	3.0	W
impedance	at 1.2 kHz, 1 W	6.8	8.0	9.2	Ω
resonant frequency (Fo)	at 1.0 W	320	400	480	Hz
frequency response		Fo		20,000	Hz
sound pressure level	at 1.0 W, 1 m, avg at 1.5, 2.0, 2.5, 3.0 kHz	75	78	81	dB
distortion	at 1.0 kHz, 1.0 W, 1 m			10	%
buzz, rattle, etc.	must be normal at sine wave between 300 Hz~3 kHz			4.0	V
polarity	cone moves forward w/ positive dc current to "+" terminal				
dimensions	70 x 33 x 10				mm
magnet	Nd-Fe-B				
enclosure material	ABS				
cone material	cloth + paper				
weight	wire leads model	16.11	17.90	19.69	g
	wire leads with connector model	16.16	17.95	19.75	g
operating temperature		-25		55	°C
storage temperature		-25		55	°C
hand soldering	for 3~5 seconds (wire leads model only)	370	380	390	°C
RoHS	yes				

Notes: 1. All specifications measured at 15~35°C, humidity at 25~75%, under 86~106 kPa pressure, unless otherwise noted.

PART NUMBER KEY**CES - 703310 - 28 XX**

Base Number

Termination Options:

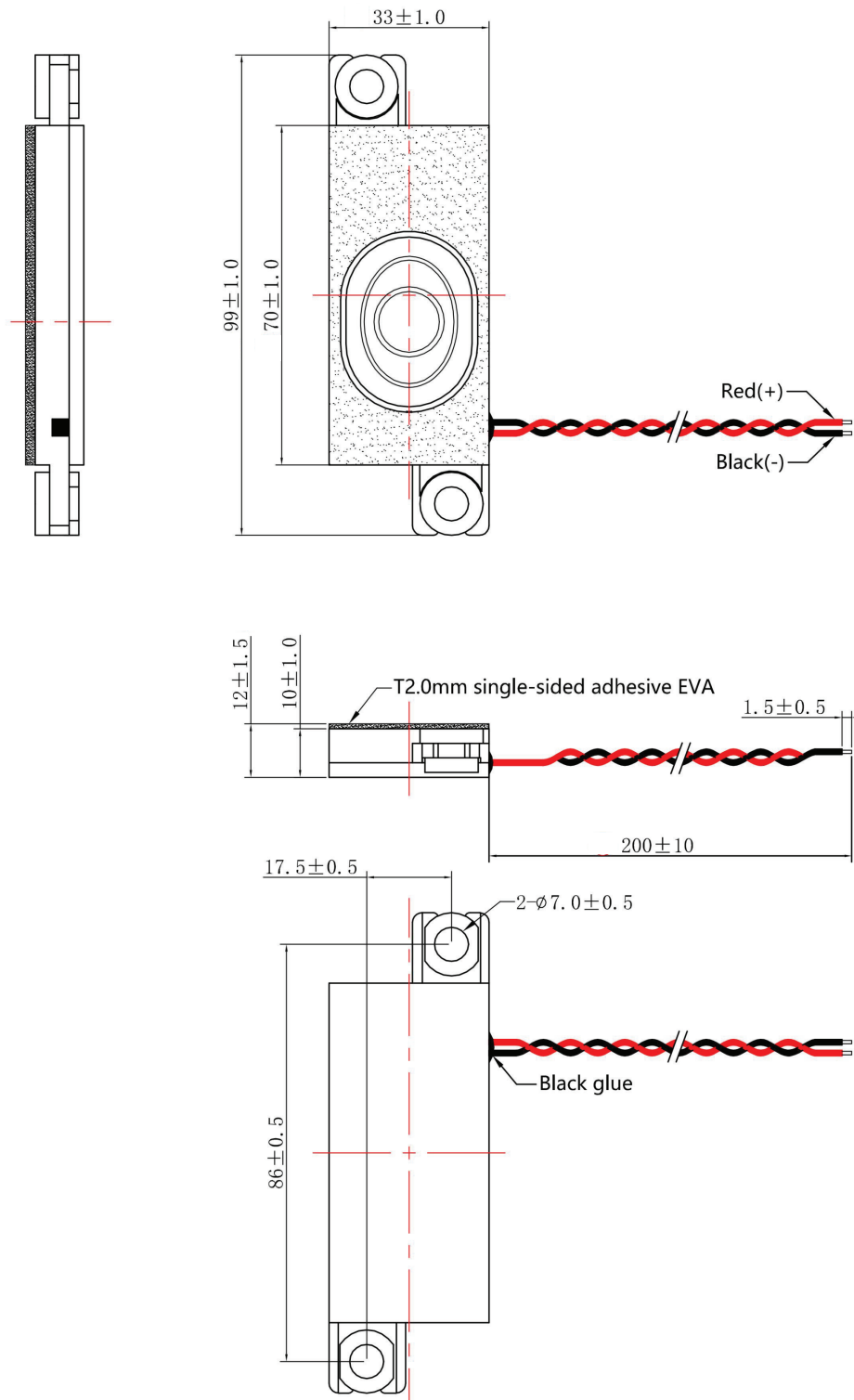
L200 = 200 mm wire leads

L200B = 200 mm wire leads with equivalent to Molex 51021-0200 connector

MECHANICAL DRAWING (WIRE LEADS)

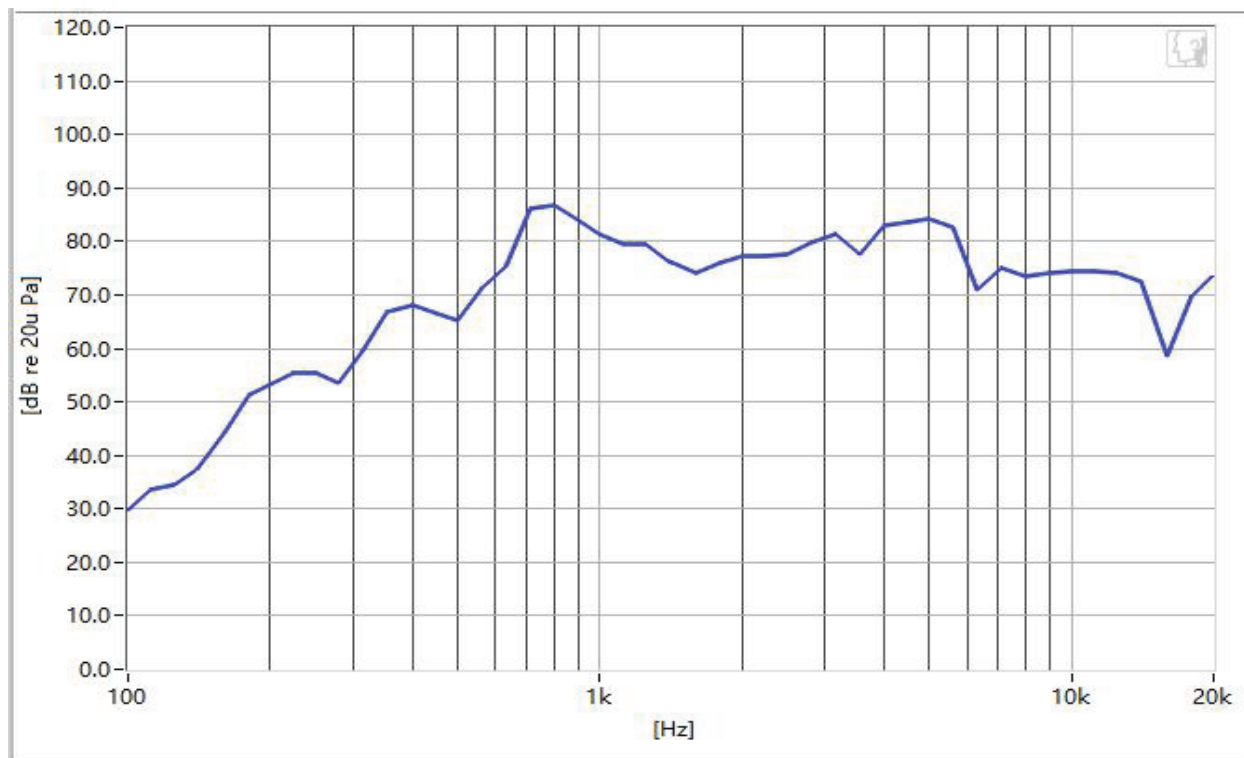
units: mm

wire: UL1571 30 AWG

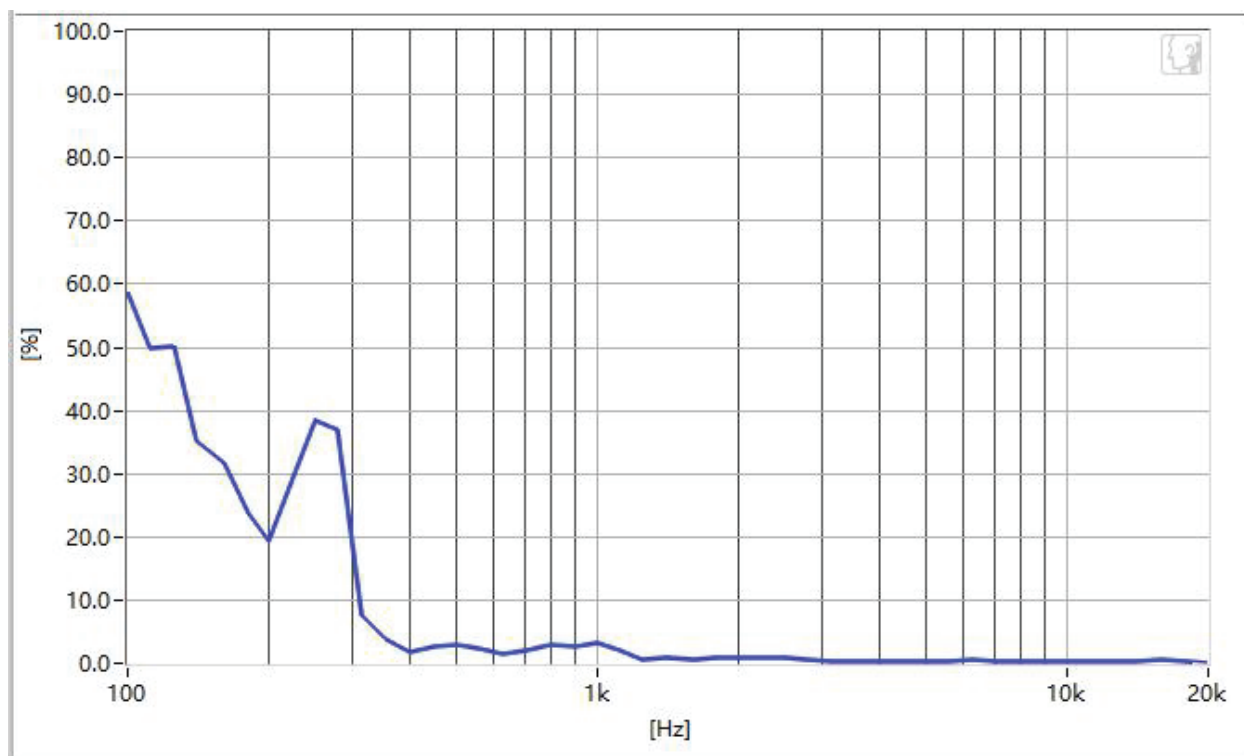


RESPONSE CURVES

Frequency Response Curve



Total Harmonic Distortion Curve



REVISION HISTORY

rev.	description	date
1.0	initial release	09/09/2026

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



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