

**MODEL:** CES-28266-24-L200 | **DESCRIPTION:** SPEAKER**FEATURES**

- low profile
- adhesive tape on back of speaker
- easy speaker integration in your end system
- IPX7

**SPECIFICATIONS**

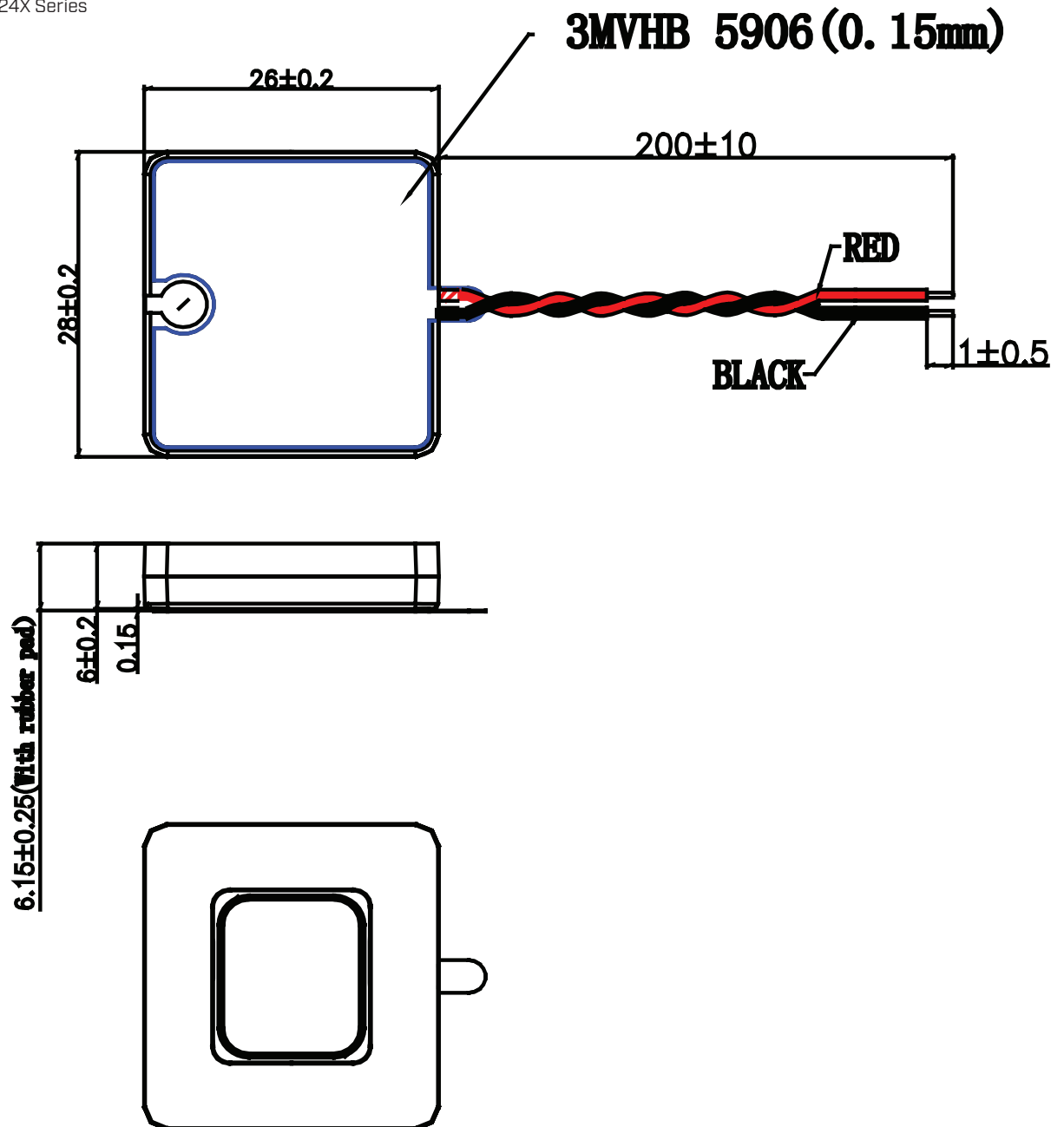
parameter	conditions/description	min	typ	max	units
input power	max power: 1 min. on, 2 min. off, 10 cycles in free air		2.0	2.2	W
impedance	at 2.0 kHz, 2.83 Vrms	3.2	4.0	4.8	Ω
resonant frequency [Fo]	at 2.83 Vrms, 10 cm, in free air	800	1,000	1,200	Hz
frequency response		Fo		20,000	Hz
sound pressure level	at 2.0 W, 10 cm, at 1.0, 1.5, 2.0 kHz in free air	100.5	103.5	106.5	dB
distortion	at 2.0 kHz, 4.0 Vrms, 10 cm			10	%
buzz, rattle, etc.	must be normal at sine wave, between 0.2~2.0 kHz			2.83	V
polarity	cone moves forward w/ positive dc current to "+" terminal				
dimensions	28 x 26 x 6				mm
magnet	Nd-Fe-B				
enclosure material	PPA				
cone material	PEEK				
terminal	wire leads				
weight			5.6		g
operating temperature		-20		70	°C
storage temperature		-30		70	°C
hand soldering	for 3~5 seconds	370	380	390	°C
RoHS	yes				
IP level	IPX7				

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

MECHANICAL DRAWING

units: mm
tolerance: ± 0.3 mm

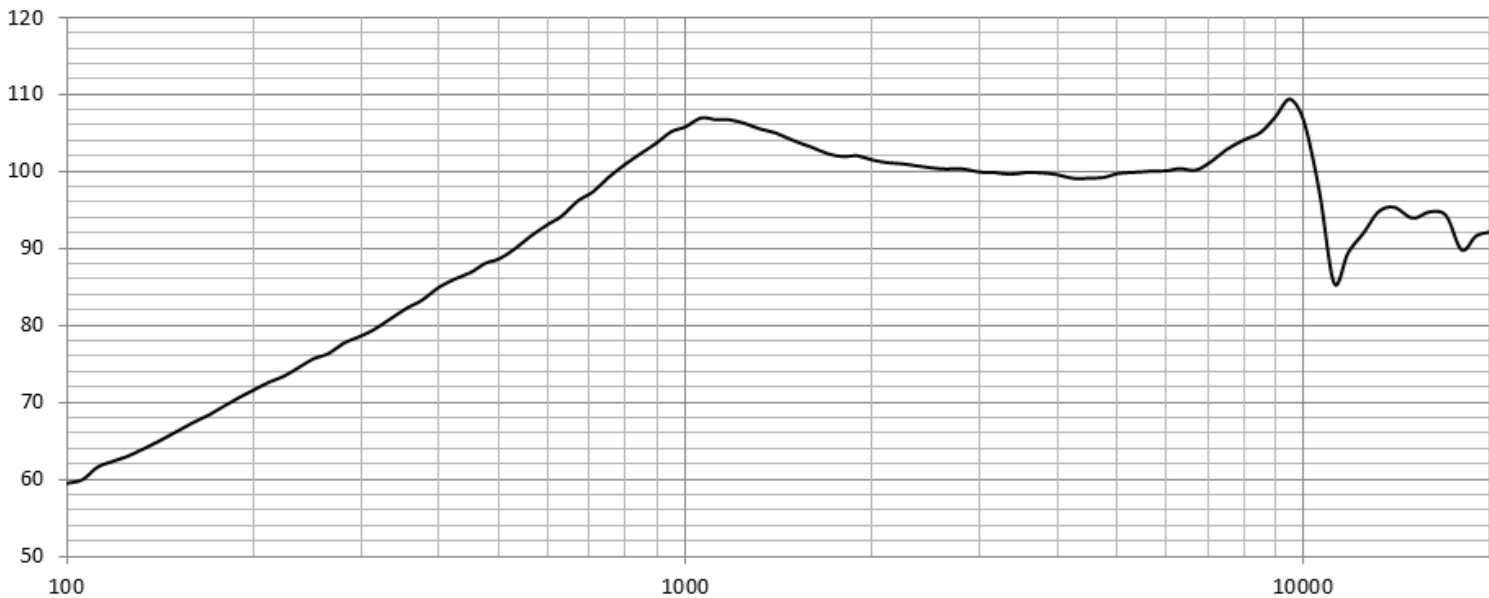
wire: UL1571 30 AWG
internal speaker: CMS-18163-24X Series



RESPONSE CURVES

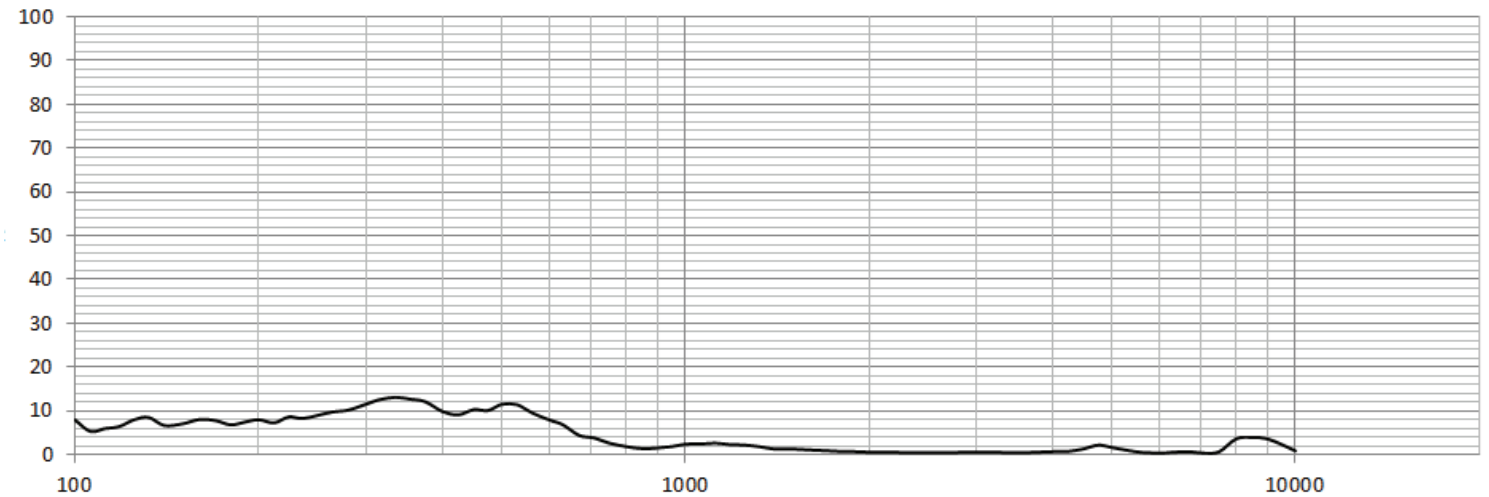
Frequency Response Curve

Test Conditions: 2.83 Vrms / 10 cm with baffle board



Total Harmonic Distortion Curve

Test Conditions: 2.83 Vrms / 10 cm with baffle board



REVISION HISTORY

rev.	description	date
1.0	initial release	12/02/2025
1.01	updated datasheet	08/31/2026

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



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