

MODEL: CES-40198-24-L200 | **DESCRIPTION:** SPEAKER**FEATURES**

- high sound pressure level
- foam gasket for mounting
- wire leads

**SPECIFICATIONS**

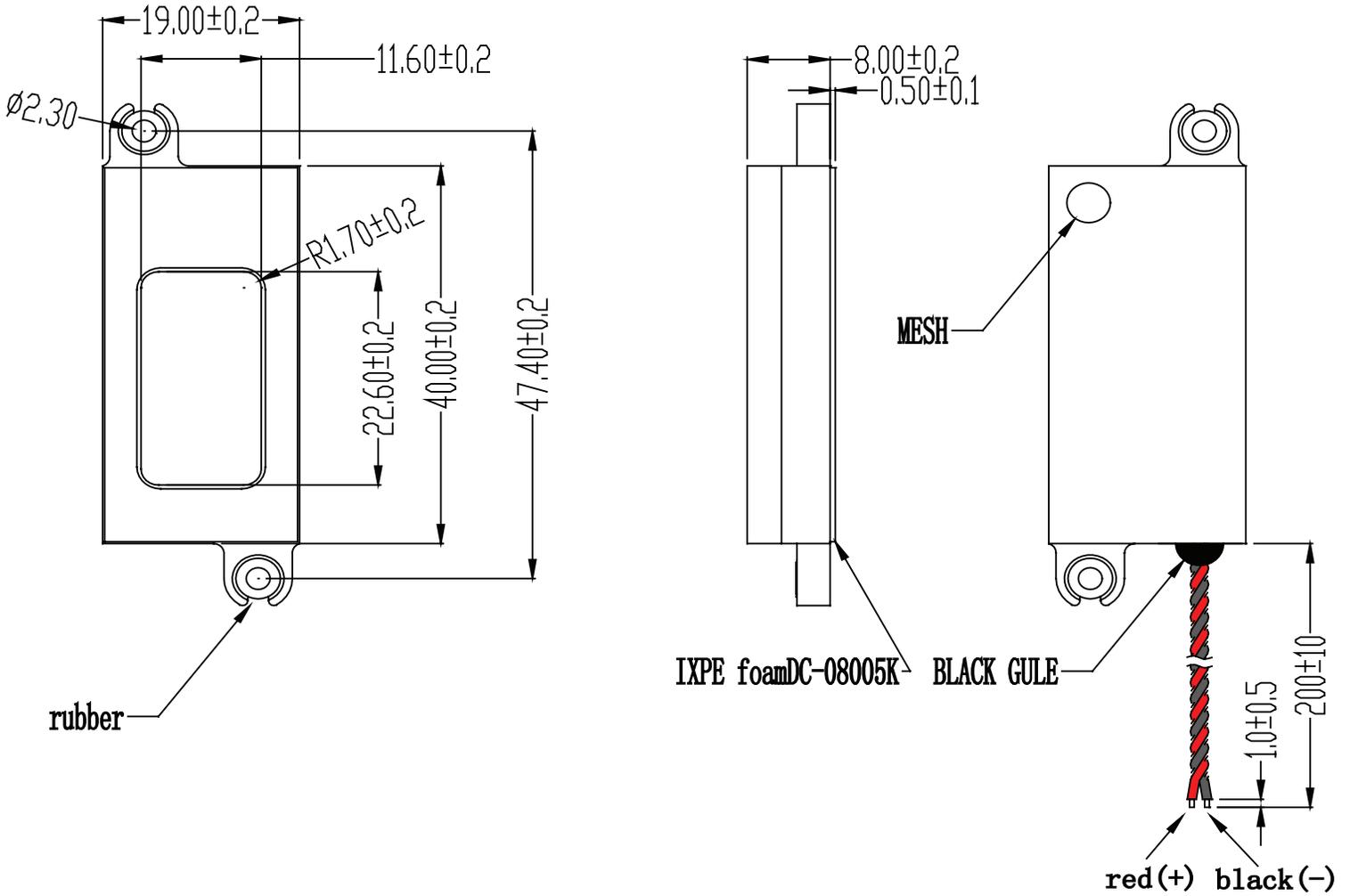
parameter	conditions/description	min	typ	max	units
input power	max power: 1 sec. on, 59 sec. off, 60 cycles		2.0	2.2	W
impedance	at 2.0 kHz, 2.83 Vrms	3.2	4.0	4.8	Ω
resonant frequency (Fo)	at 2.83 Vrms	784	980	1,176	Hz
frequency response	according to IEC 268-5	Fo		10,000	Hz
sound pressure level	at 2.0 W, 10 cm, at 1.0, 1.18, 1.5 kHz	97	100	103	dB
distortion	at 2.0 kHz, rated power, 10 cm			10	%
buzz, rattle, etc.	must be normal at sine wave between frequency range			2.83	V
polarity	cone moves forward w/ positive dc current to "+" terminal				
dimensions	40 x 19 x 8				mm
magnet	Nd-Fe-B				
enclosure material	PPA				
cone material	PEEK				
terminal	wire leads				
weight			8.0		g
operating temperature		-20		70	$^{\circ}\text{C}$
storage temperature		-40		85	$^{\circ}\text{C}$
hand soldering	for 3~5 seconds	370	380	390	$^{\circ}\text{C}$
RoHS	yes				

Notes: 1. All specifications measured at 15~35 $^{\circ}\text{C}$, humidity at 25~75%, under 86~106 kPa pressure, unless otherwise noted.

MECHANICAL DRAWING

units: mm
tolerance: ± 0.2 mm

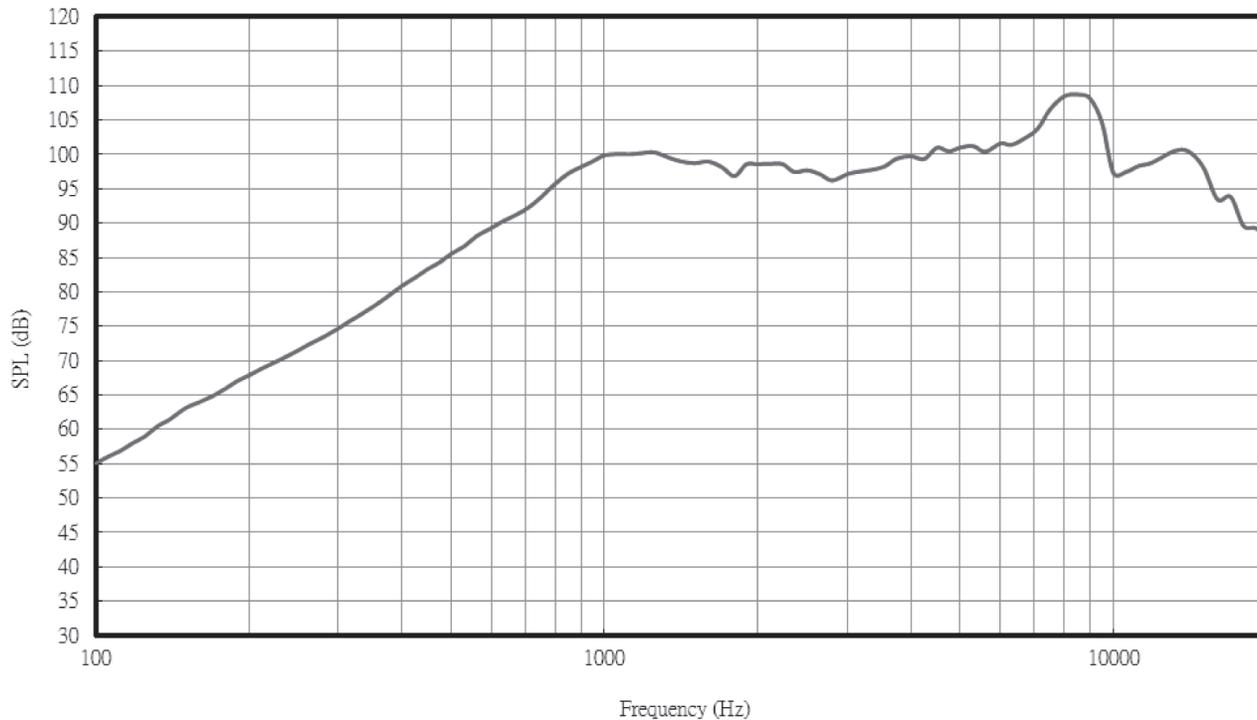
wire: UL1571 32 AWG
internal speaker: CMS-25144-24X Series



RESPONSE CURVES

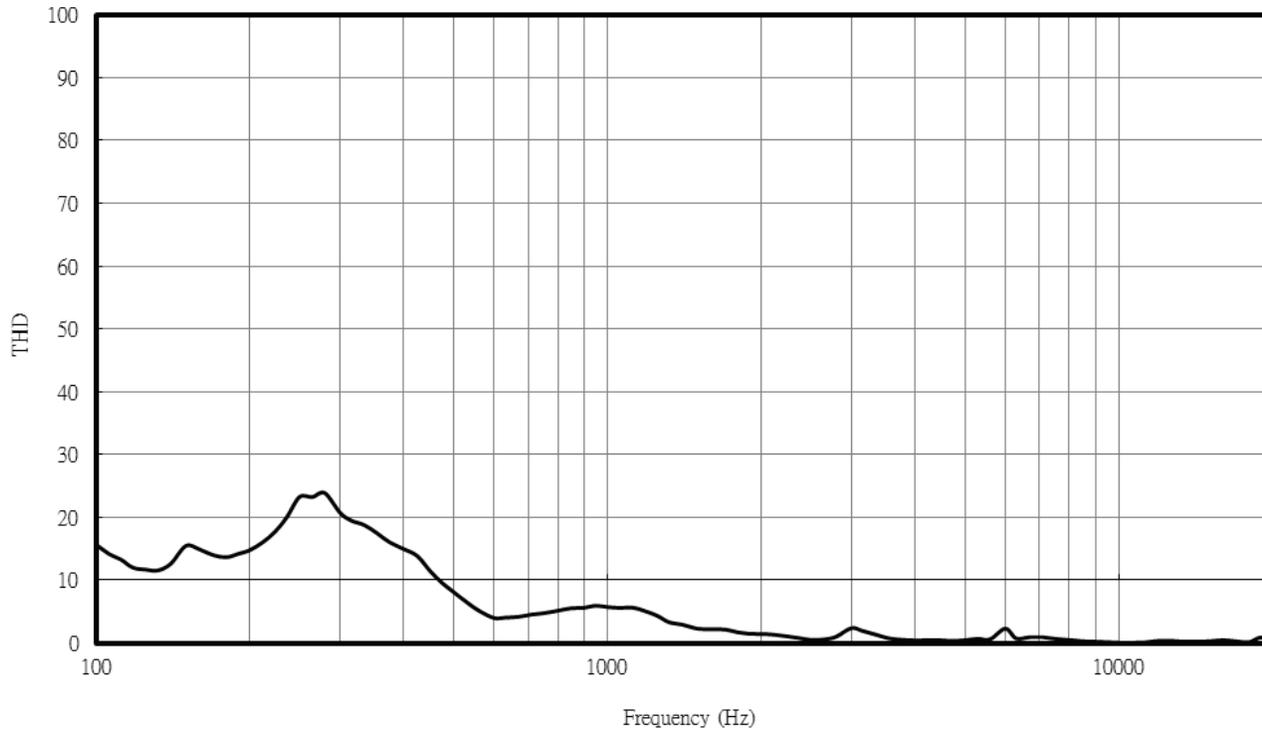
Frequency Response Curve

Test Conditions: 2.83 Vrms / 10 cm in free air



Total Harmonic Distortion Curve

Test Conditions: 2.83 Vrms / 10 cm in free air



REVISION HISTORY

rev.	description	date
1.0	initial release	12/02/2025

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



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