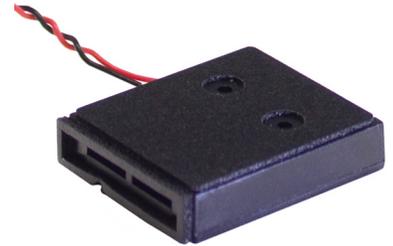



MODEL: CES-24205-18-L200 | **DESCRIPTION:** SPEAKER

FEATURES

- low profile
- side sound port
- easy installation


SPECIFICATIONS

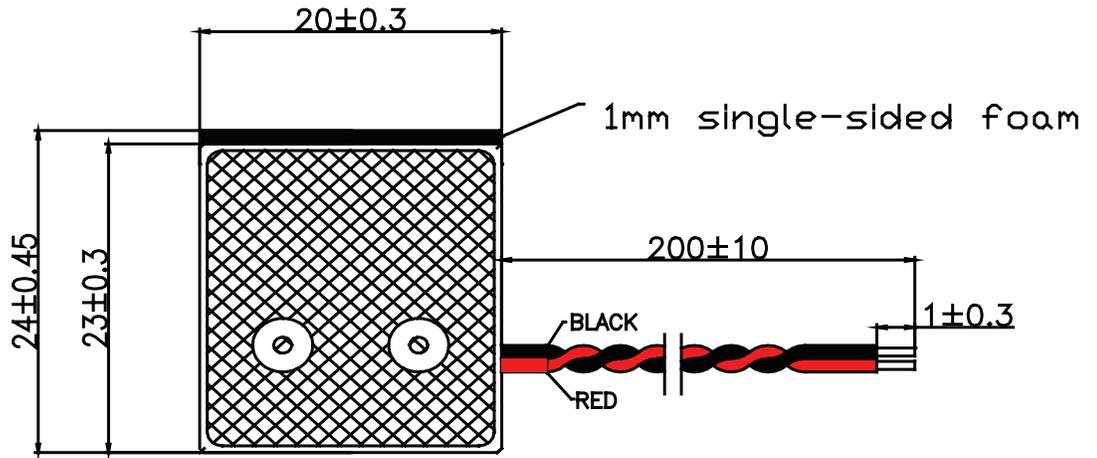
parameter	conditions/description	min	typ	max	units
input power	max power: 1 min. on, 2 min. off, 10 cycles		1.0	1.2	W
impedance	at 2.0 kHz, 2.83 Vrms	6.8	8.0	9.2	Ω
resonant frequency (Fo)	at 2.83 Vrms, 10 cm, in free air	800	1,000	1,200	Hz
frequency response		Fo		20,000	Hz
sound pressure level	at 1.0 W, 10 cm, at 2.0 kHz in free air, with baffle board	93	96	99	dB
distortion	at 1.0 kHz, 2.83 Vrms, 10 cm			15	%
buzz, rattle, etc.	must be normal between 0.2~2.0 kHz in free air			2.83	V
polarity	cone moves forward w/ positive dc current to "+" terminal				
dimensions	24 x 20 x 5				mm
magnet	Nd-Fe-B				
enclosure material	PPA				
cone material	PEEK				
terminal	wire leads				
weight			3.2		g
operating temperature		-30		60	$^{\circ}\text{C}$
storage temperature		-30		60	$^{\circ}\text{C}$
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.

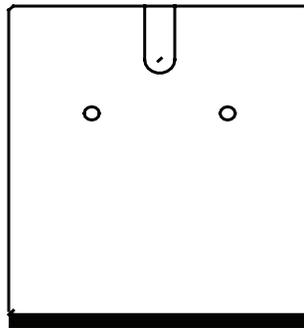
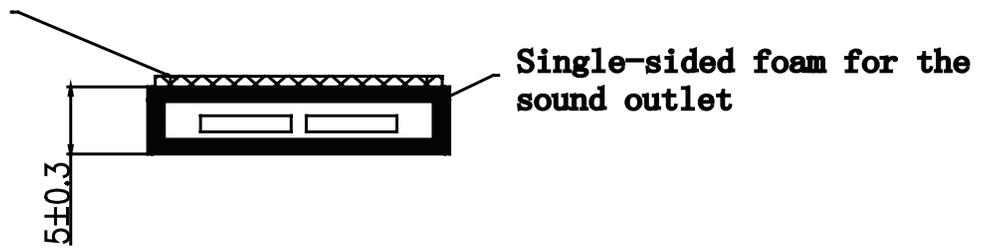
MECHANICAL DRAWING

units: mm
tolerance: ± 0.3 mm

wire: UL1571 30 AWG
internal speaker: CMS-151135-18SP-X8



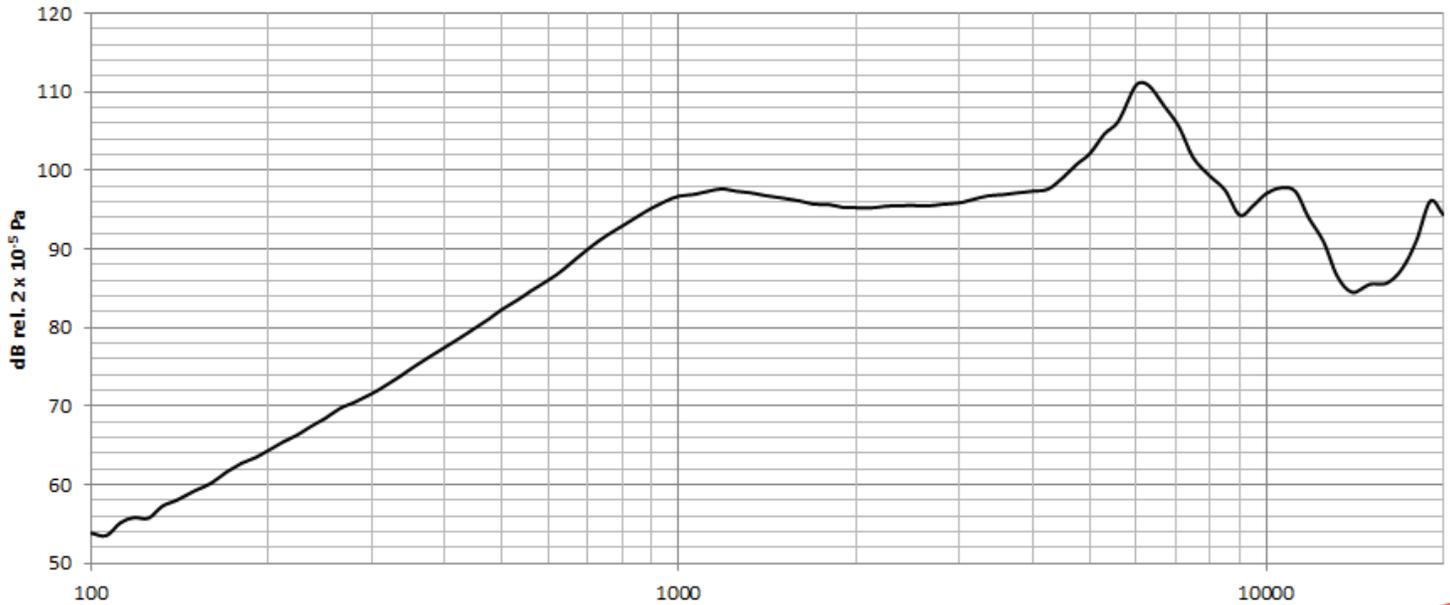
The back is covered with
0.5mm single-sided foam



RESPONSE CURVES

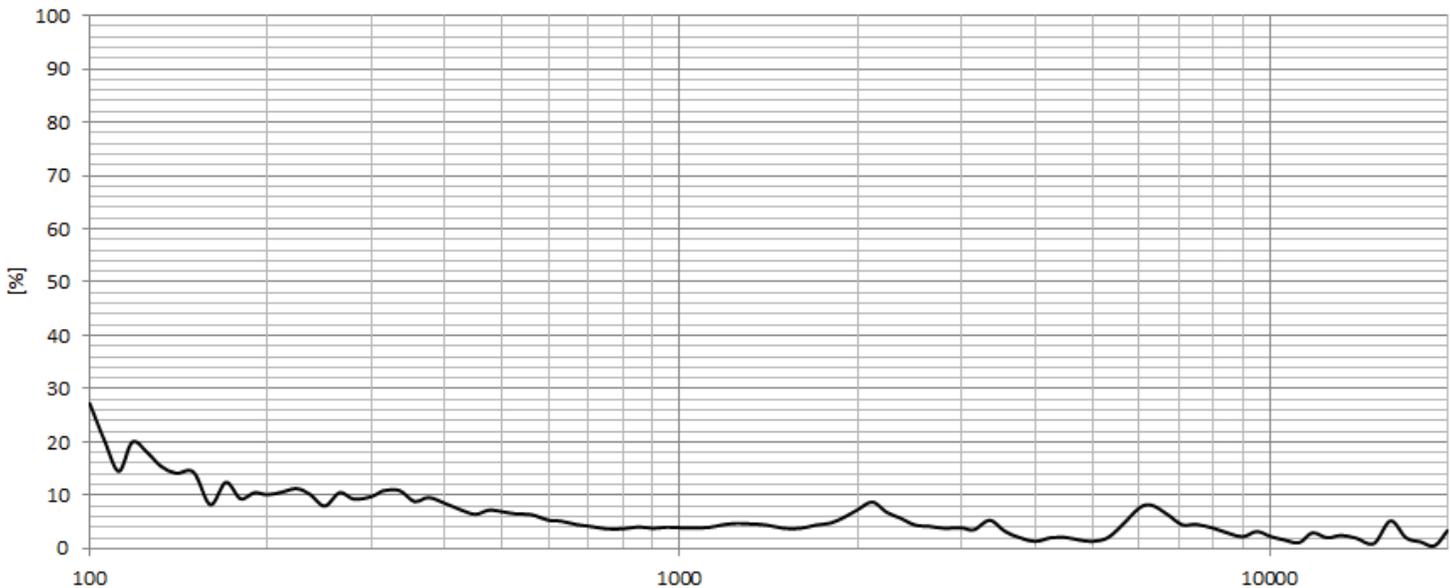
Frequency Response Curve

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

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



Same Sky offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

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