

MODEL: CMS-2594-24SP | **DESCRIPTION:** SPEAKER**FEATURES**

- 4 ohm
- rated 3.0 W
- solder pads

**SPECIFICATIONS**

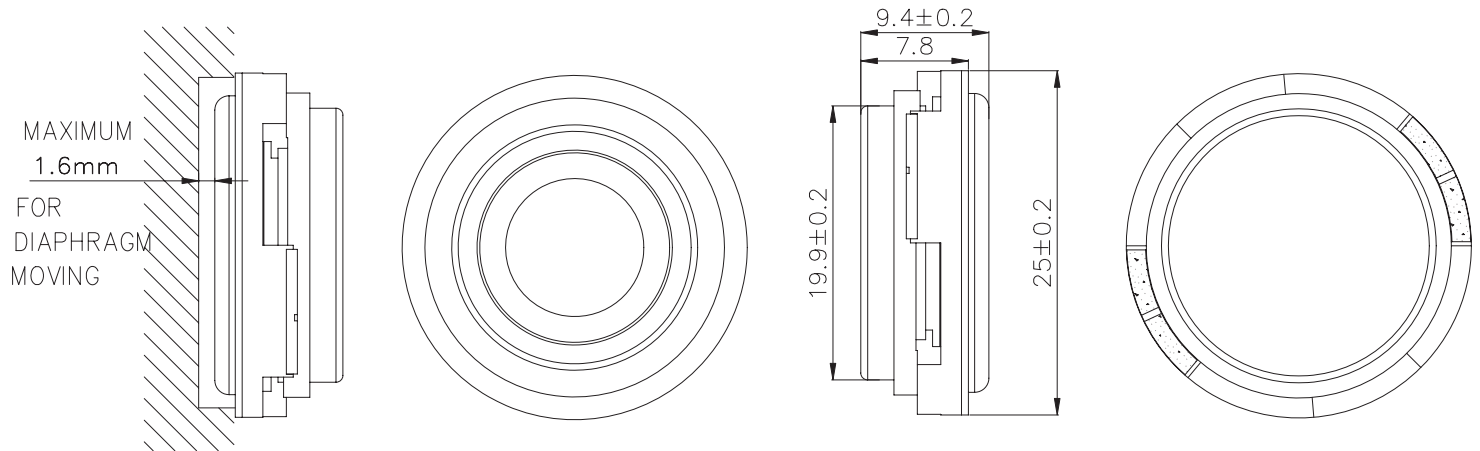
parameter	conditions/description	min	typ	max	units
input power	sine wave in free air		2	2.5	W
	square wave in 50 cc box		3	3.5	W
impedance		3.4	4	4.6	Ω
resonant frequency (Fo)		200	250	300	Hz
frequency response		Fo		20,000	Hz
sound pressure level	at 1.0 W, 50 cm, avg 0.8, 1.0, 1.2, 1.5 kHz	78	81	64	dB
distortion	at 1.0 kHz, 1.0 W, 50 cm			5	%
buzz, rattle, etc.	must be normal at sine wave, frequency range			2.83	V
polarity	cone moves forward w/ positive dc current to "+" terminal				
dimensions	$\varnothing 25 \times 9.4$				mm
magnet	Nd-Fe-B				
frame material	PBT + 15% GF				
cone material	aluminium				
terminal	solder pads				
weight			10.8		g
operating temperature		-20		55	$^{\circ}\text{C}$
storage temperature		-25		6	$^{\circ}\text{C}$
hand soldering	for maximum 2 seconds	360		380	$^{\circ}\text{C}$
RoHS	yes				

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

MECHANICAL DRAWING

units: mm
tolerance: ± 0.2 mm

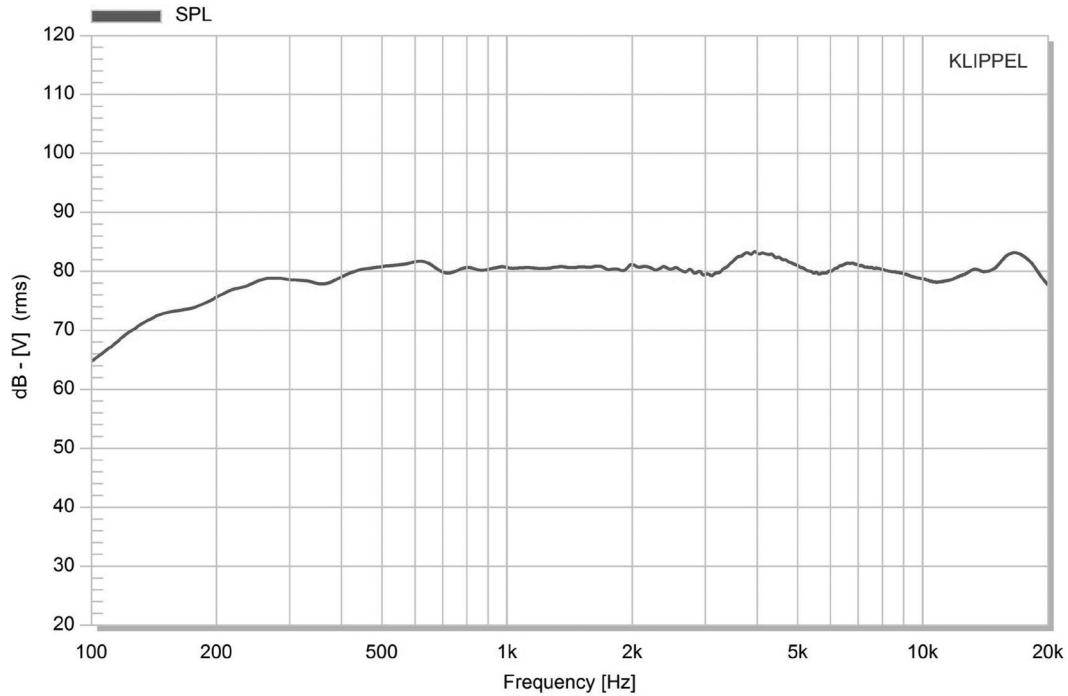
MOUNTING NOTICE



RESPONSE CURVES

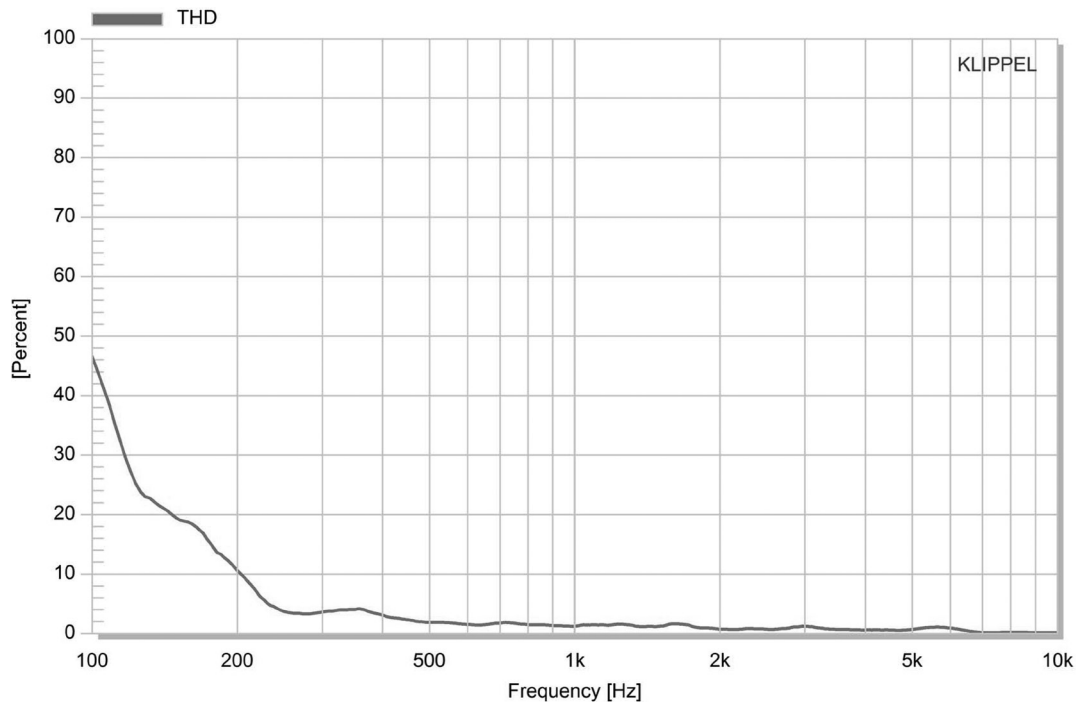
Frequency Response Curve

Test Conditions: 1.0 W / 50 cm



Total Harmonic Distortion Curve

Test Conditions: 1.0 W / 50 cm



REVISION HISTORY

rev.	description	date
1.0	initial release	07/11/2023

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



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