MODEL: CDS-4620-54SP | DESCRIPTION: SPEAKER

FEATURES

- 4 ohm
- rated 10 W
- solder terminals



RoHS

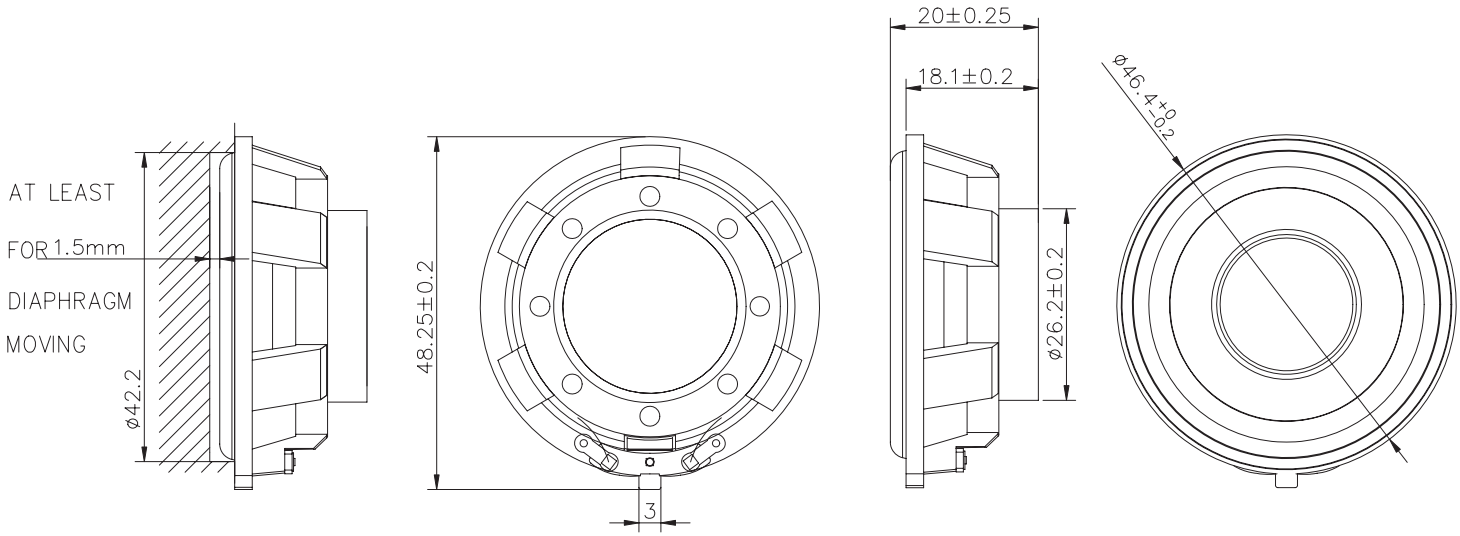
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
input power			10	12	W
impedance		3.4	4	4.6	Ω
resonant frequency (Fo)		176	220	264	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 on baffle	82	85	88	dB
distortion	at 1.0 kHz, 1.0 W, 50 cm on baffle			5	%
buzz, rattle, etc.	must be normal at sine wave, frequency range			6.32	V
polarity	cone moves forward w/ positive dc current to “+” terminal				
dimensions	Ø46.4 x 20				mm
magnet	Nd-Fe-B				
frame material	PBT + 15% GF + iron				
cone material	carbon fiber + PU				
terminal	solder terminals				
weight			26.7		g
operating temperature		-20		55	°C
storage temperature		-25		60	°C
hand soldering	for maximum 2 seconds	360		380	°C
RoHS	yes				

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

MECHANICAL DRAWING

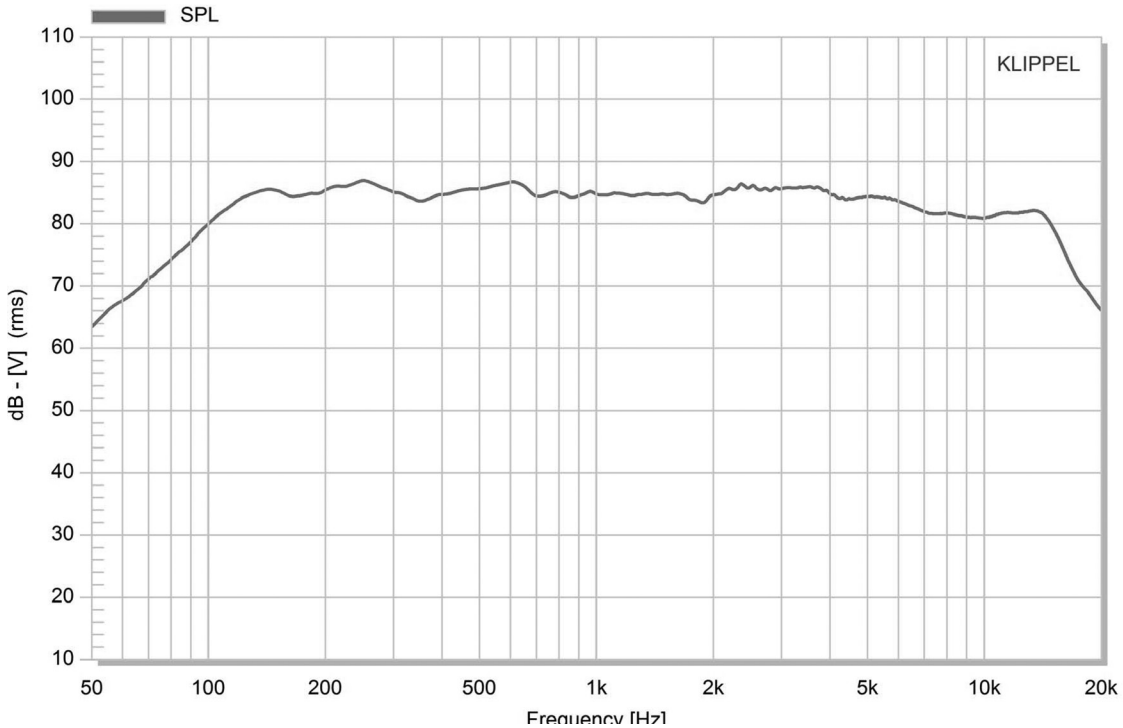
units: mm
tolerance: ±0.2 mm



RESPONSE CURVES

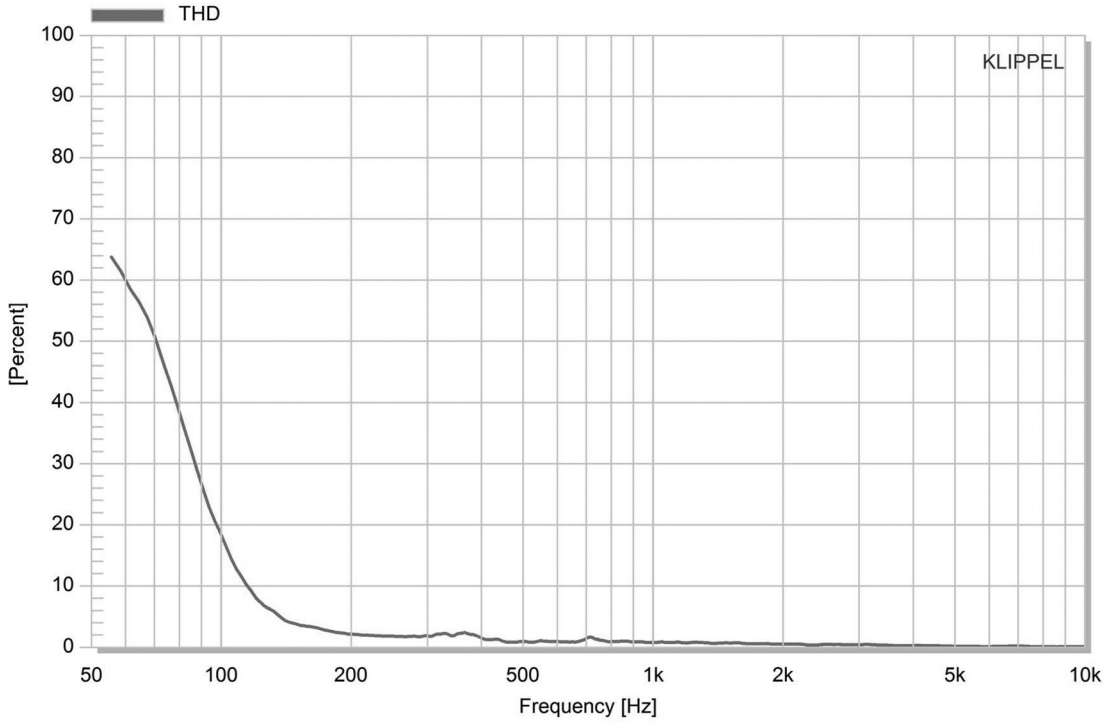
Frequency Response Curve

Test Conditions: 1.0 W / 50 cm on baffle



Total Harmonic Distortion Curve

Test Conditions: 1.0 W / 50 cm on baffle



REVISION HISTORY

rev.	description	date
1.0	initial release	07/06/2023t

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

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

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