

date 07/11/2023

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MODEL: CDS-4224-84SP | DESCRIPTION: SPEAKER

FEATURES

- 4 ohm
- rated 8.0 W
- solder terminals





SPECIFICATIONS

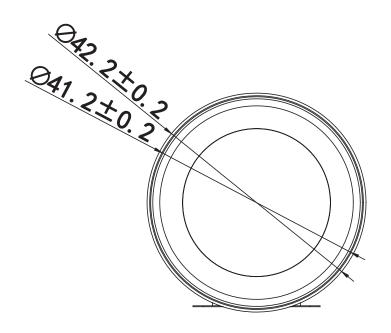
parameter	conditions/description	min	typ	max	units
input power			8	10	W
impedance		3.4	4	4.6	Ω
resonant frequency (Fo)		176	220	264	Hz
frequency response		90		20,000	Hz
sound pressure level	at 1.0 W, 50 cm, avg 0.8, 1.0, 1.2, 1.5 kHz on baffle	80.5	83.5	86.5	dB
distortion	at 1.0 kHz, 1.0 W, 50 cm on baffle			5	%
buzz, rattle, etc.	must be normal at sine wave			5.66	V
polarity	cone moves forward w/ positive dc current to "+" terminal				
dimensions	Ø42.2 x 26.9				mm
magnet	Nd-Fe-B				
frame material	PBT + 15% GF				
cone material	PEI				
terminal	solder terminals				
weight			47.5		g
operating temperature		-20		55	°C
storage temperature		-25		60	°C
hand soldering	for maximum 2 seconds	360		380	°C
RoHS	yes				

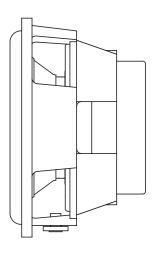
Notes:

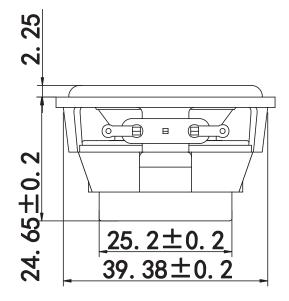
1. All specifications measured at 15~35°C, humidity at 25~75%, unless otherwise noted.

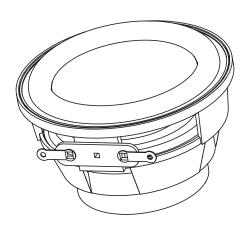
MECHANICAL DRAWING

units: mm tolerance: ±0.2 mm



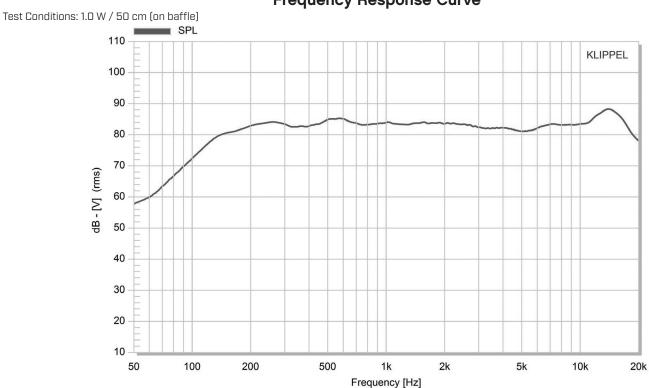






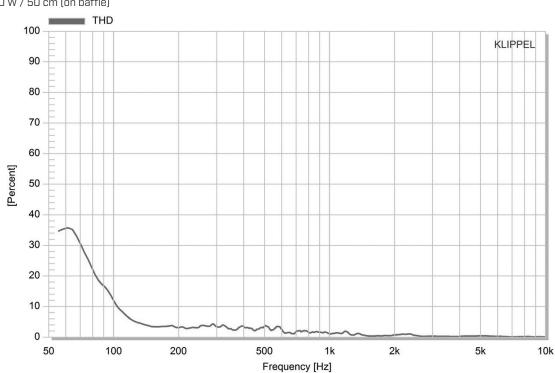
RESPONSE CURVES

Frequency Response Curve



Total Harmonic Distortion Curve





Additional Resources: Product Page

CUI DEVICES | MODEL: CDS-4224-84SP | DESCRIPTION: SPEAKER

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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.



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

CUI Devices reserves the right to make changes to the product at any time without notice. Information provided by CUI Devices is believed to be accurate and reliable. However, no responsibility is assumed by CUI Devices for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

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