

MODEL: CMS-301103-154SP | DESCRIPTION: SPEAKER

FEATURES

- low profile
- 1.5 W
- solder pads



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ROHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
input power	max power: 1 minute on, 2 minutes off, 10 cycles		1.5	2.0	W
impedance	at 2.0 kHz, 2.45 Vrms in 2 cc box	3.4	4	4.6	Ω
resonant frequency (Fo)	at 2.45 Vrms in 2 cc box	680	850	1,020	Hz
frequency response		500		20,000	Hz
sound pressure level	at 1.5 W, 10 cm, 2.0 kHz in 2 cc box	92	95	98	dB
distortion	at 1.0 kHz, 1 W, 10 cm in 2 cc box			10	%
buzz, rattle, etc.	must be normal at sine wave between 200 Hz ~ 2 kHz			2.45	V
polarity	cone moves forward w/ positive dc current to "+" terminal				
dimensions	30 x 11 x 3				mm
magnet	Nd-Fe-B				
frame material	PPA				
cone material	PEEK (black)				
terminal	solder pads				
weight			3.1		g
operating temperature		-20		70	°C
storage temperature		-40		85	°C
hand soldering	for 3-5 seconds	370	380	390	°C
RoHS	yes				

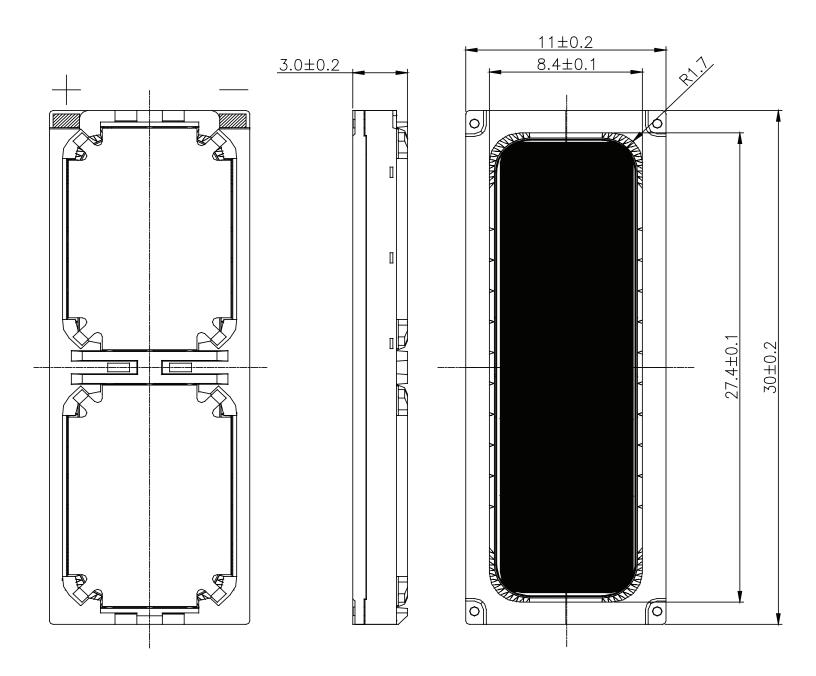
Notes: 1. All specifications measured at 15~35°C, humidity at 45~85%, under 86~106 kPa pressure, unless otherwise noted.

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MECHANICAL DRAWING

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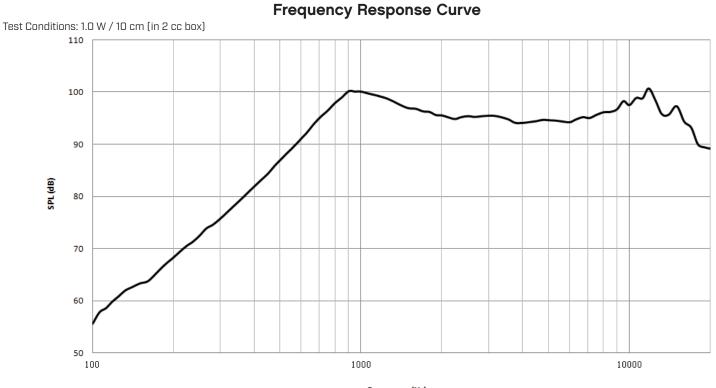
units: mm tolerance: ±0.2 mm



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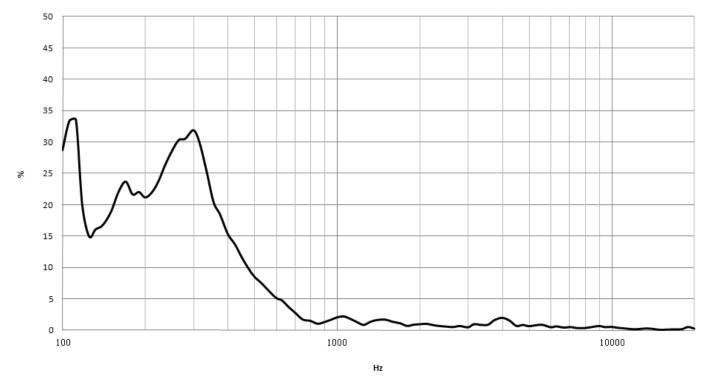
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RESPONSE CURVES



Frequency (Hz)

Total Harmonic Distortion Curve



Test Conditions: 1.0 W / 10 cm (in 2 cc box)

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REVISION HISTORY

rev.	description	date	
1.0	initial release	12/07/2023	

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.



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