MODEL: CMSM-3116-34 | DESCRIPTION: SPEAKER

FEATURES

- compatible with IEC 60601 applications
- IP67 rated
- solder eyelets
- 98 dB @ 3 W/0.1 m



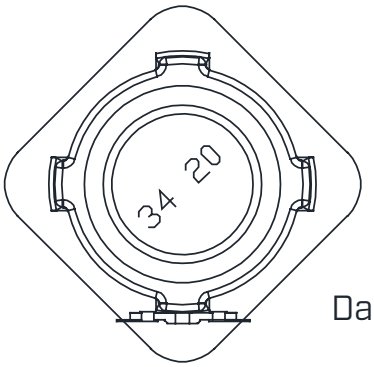
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
input power	max power: IEC-60268-5, filter 60 s on/120 s off, 10 cycles at room temp		3.0	3.5	W
impedance	at 2.0 kHz 1.0 V	3.4	4	4.6	Ω
resonant frequency (Fo)	at 1.0 V	224	280	336	Hz
frequency response		Fo		20,000	Hz
sound pressure level	at 3.0 W, 0.1 m, avg at 0.6, 0.8, 1.0, 1.2 kHz	95	98	101	dB
distortion	at 1.0 kHz, rated power			5	%
buzz, rattle, etc.	must be normal at sine wave, frequency range Fo~5 kHz			3.45	V
polarity	cone moves forward w/ positive dc current to "+" terminal				
dimensions	31.6 x 31.6 x 15.35				mm
magnet	Nd-Fe-B				
frame material	ABS777				
cone material	rubber+AL				
terminal	solder eyelets				
weight			15		g
operating temperature		-25		85	°C
storage temperature		-25		85	°C
hand soldering	for maximum 3 seconds	370	380	390	°C
RoHS	yes				
IP level	IP67 (front side)				

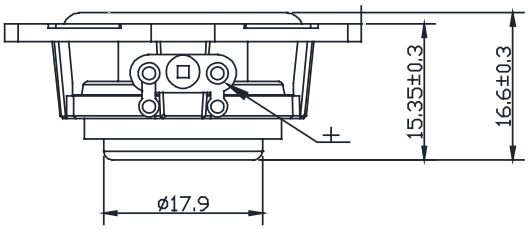
Notes: 1. All specifications measured at 15~35°C, humidity at 45~85%, under 86~106 kPa pressure, unless otherwise noted.

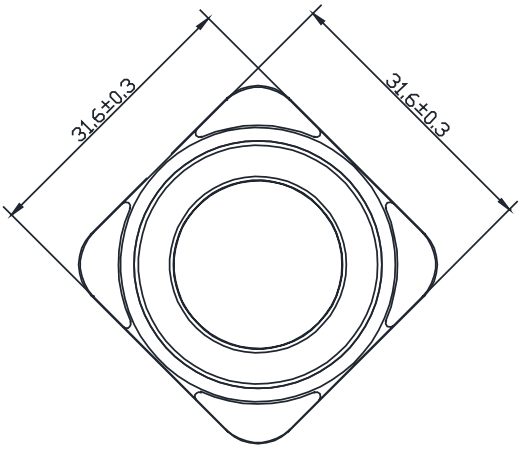
MECHANICAL DRAWING

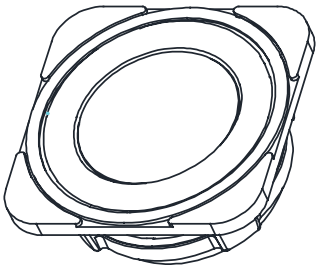
units: mm
tolerance: ±0.5 mm



Date Code: YYWW



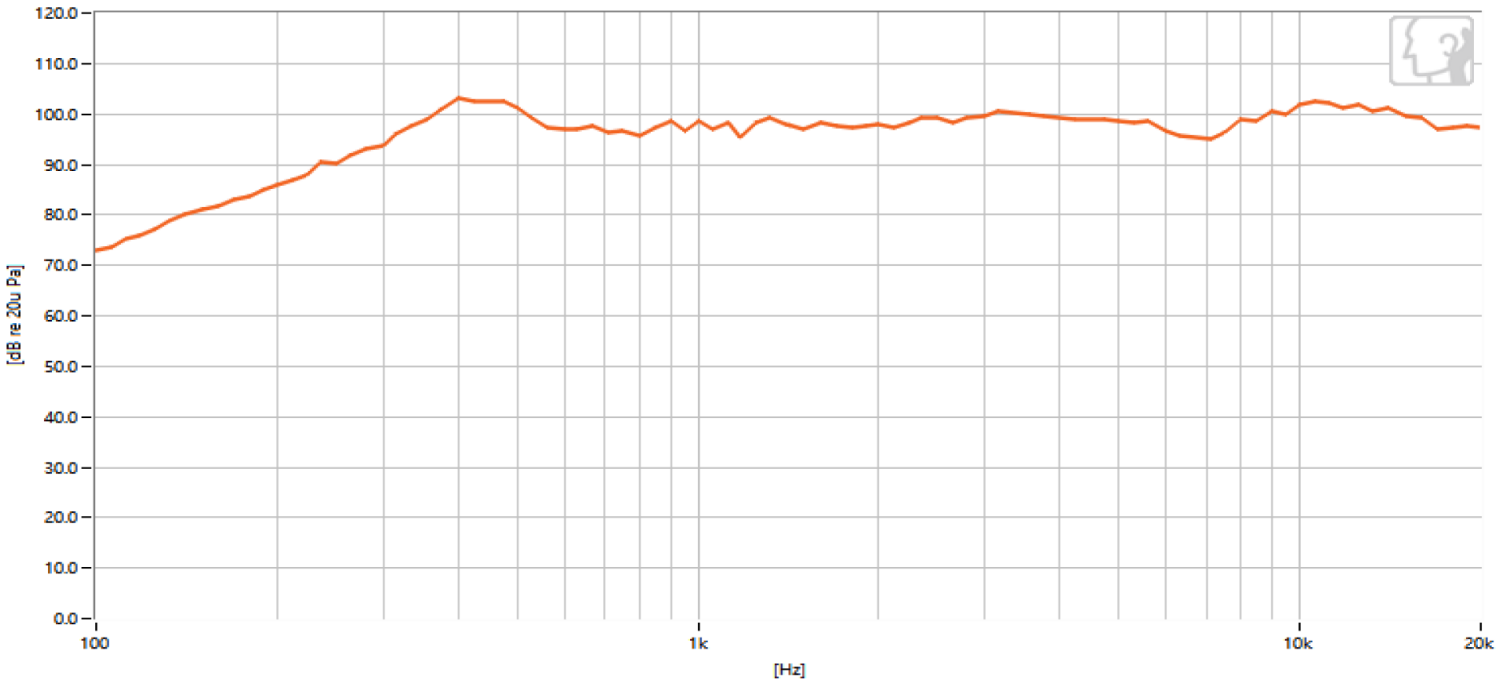




RESPONSE CURVES

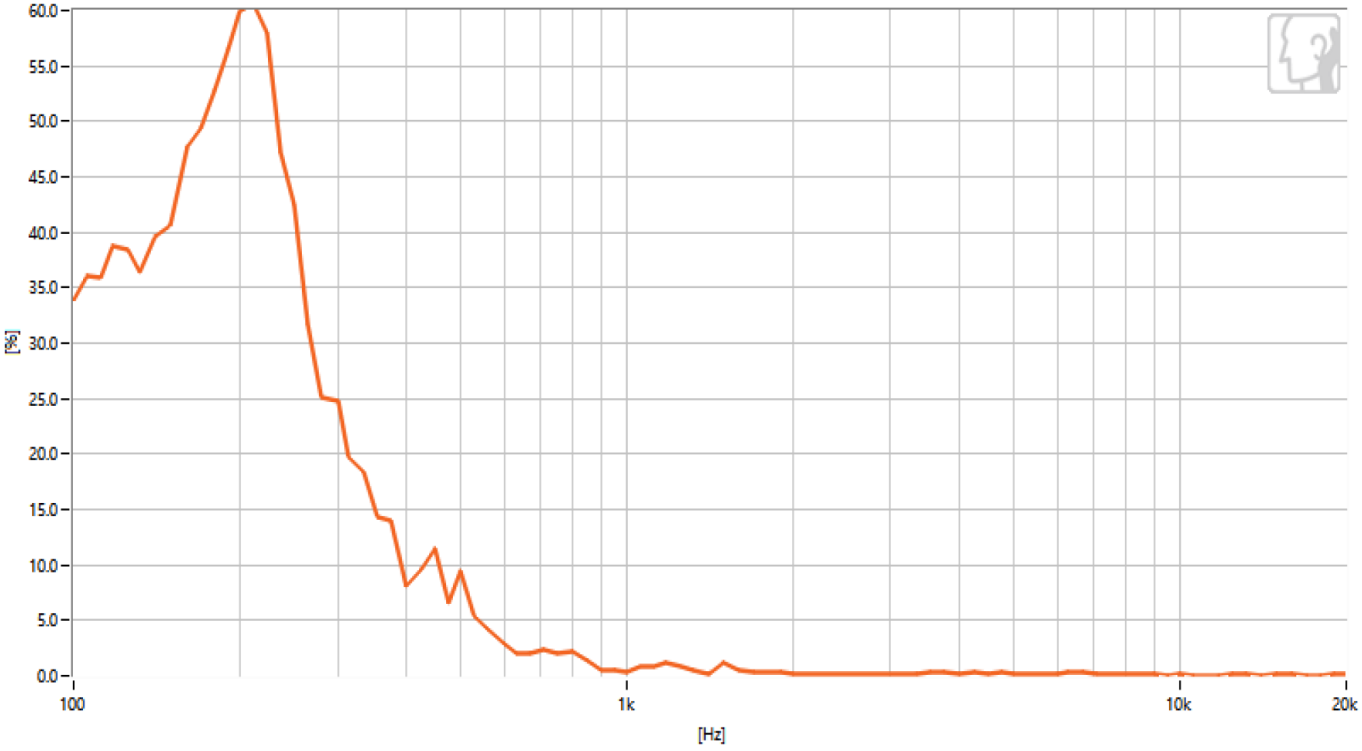
Frequency Response Curve

Test Conditions: 3.0 W / 0.1 m



Total Harmonic Distortion Curve

Test Conditions: 3.0 W / 0.1 m



REVISION HISTORY

rev.	description	date
1.0	initial release	01/03/2024

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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