CUDEVICES

MODEL: CLS0362MA-1 | **DESCRIPTION:** SPEAKER

FEATURES

- 36 mm
- round frame
- 0.5 W
- 8 Ω
- neodymium magnet
- PET cone

RoHS

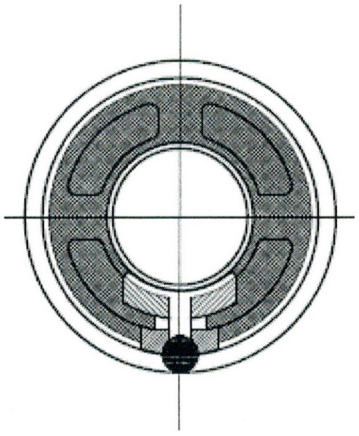
SPECIFICATIONS

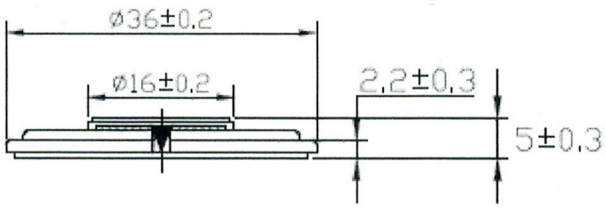
parameter	conditions/description	min	typ	max	units
input power			0.5	1.0	W
impedance	at 1.0 kHz, 1.0 V	6.8	8	9.2	Ω
resonant frequency (Fo)	at 1.0 V	416	520	624	Hz
frequency response		Fo		15,000	Hz
sound pressure level	at 1.0 W, 1 m, avg. at 0.8, 1.0, 1.2, 1.5 kHz	89	92	95	dB
distortion	at 2.0 kHz, 0.5 W			10	%
buzz, rattle, etc.	must be normal at sine wave			2	V
dimensions	Ø36 x 5.0				mm
magnet	Nd-Fe-B				
cone material	PET				
terminal	solder pads				
weight			8.8		g
operating temperature		-25		60	°C
hand soldering	for maximum 3 seconds	340	350	360	°C
RoHS	yes				

Notes: 1. All specifications measured at 15~35°C, humidity at 25~75%, under 86~106 kPa pressure, unless otherwise noted.

MECHANICAL DRAWING

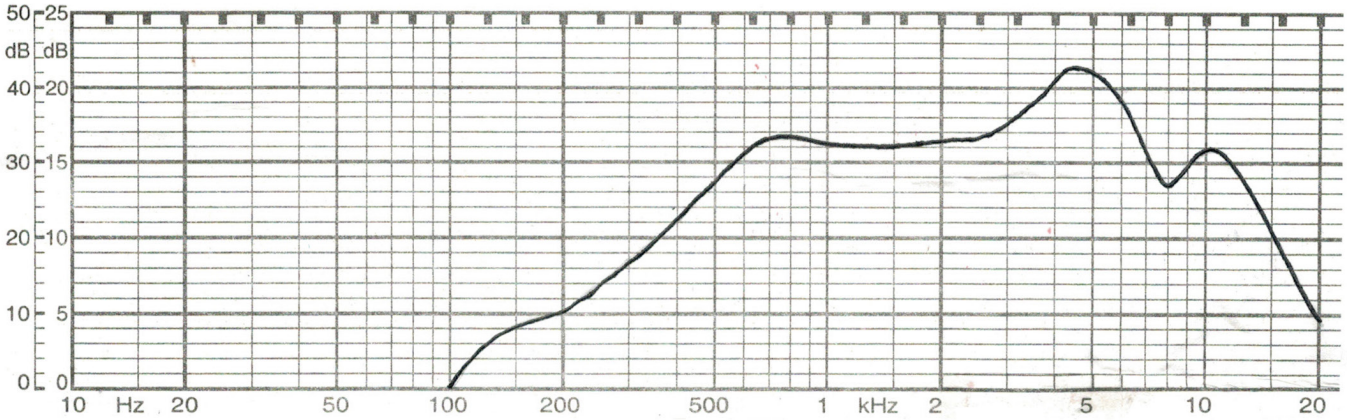
units: mm
tolerance: ±0.2 mm





FREQUENCY RESPONSE CURVE

parameter	conditions/description
potentiometer range	50 dB
rectifier	RMS
lower limit frequency	20 Hz
wr. speed	100 mm/sec
zero level	60 dB



REVISION HISTORY

rev.	description	date
1.0	initial release	07/20/2007
1.01	brand update	02/21/2020
1.02	logo, datasheet style update	08/05/2022

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

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