


**MODEL:** CLS0201MA | **DESCRIPTION:** SPEAKER

**FEATURES**

- 20 mm
- round frame
- 0.5 W
- 8  $\Omega$
- neodymium magnet
- mylar cone

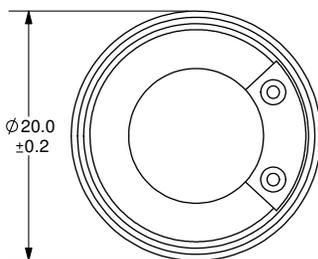
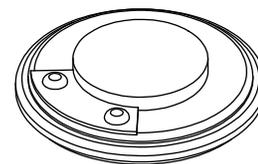
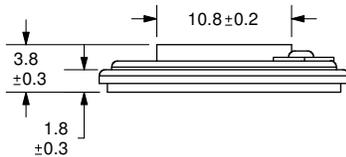

**SPECIFICATIONS**

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	$\Omega$
resonant frequency (Fo)	at 1.0 V	600	750	900	Hz
frequency response	output SPL $\pm 3$ dB	Fo		20,000	Hz
sound pressure level	at 1.0 W, 50 cm, avg at 0.8, 1.0, 1.2, 1.5 kHz	83	86	89	dB
buzz, rattle, etc.	must be normal at sine wave			2.0	V
dimensions	20 x 20 x 3.8				mm
magnet	Nd-Fe-B				
cone material	mylar				
terminal	solder pads				
weight			2.5		g
operating temperature		-25		60	$^{\circ}$ C
hand soldering	for maximum 3 seconds	340	350	360	$^{\circ}$ C
RoHS	yes				

Notes: 1. All specifications measured at 15~35 $^{\circ}$ C, humidity at 25~75%, under 86~106 kPa pressure, unless otherwise noted.

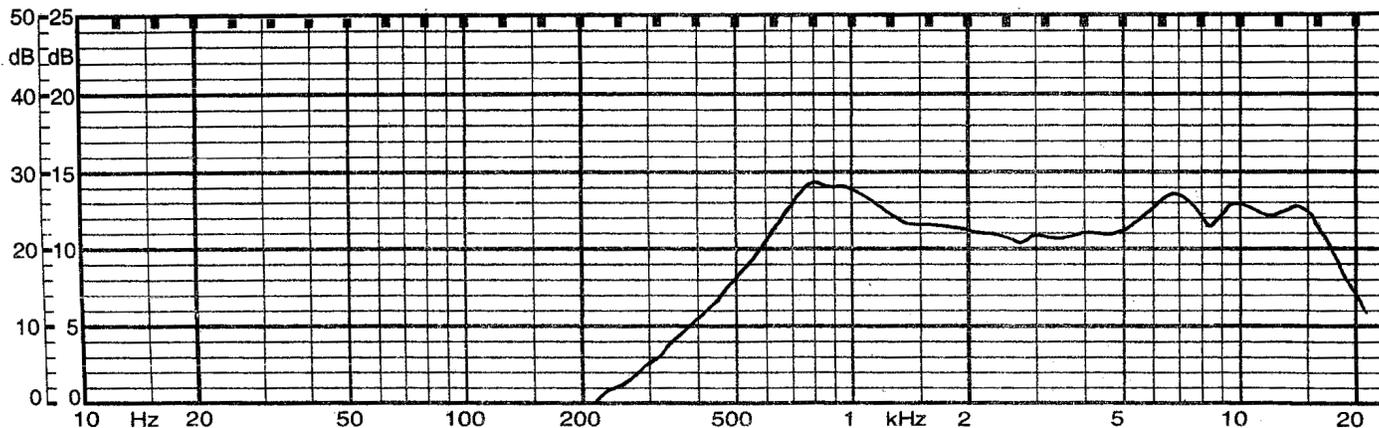
## MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.5$  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

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rev.	description	date
1.0	initial release	07/03/2007
1.01	updated datasheet	06/07/2019

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

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

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