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MODEL: CLS0201MA | DESCRIPTION: SPEAKER

FEATURES

- 20 mm
- round frame
- 0.5 W
- •8Ω
- neodymium magnet

same sky

• PET cone



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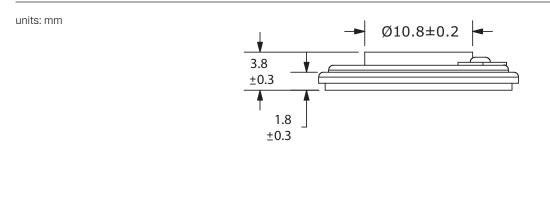
ROHS

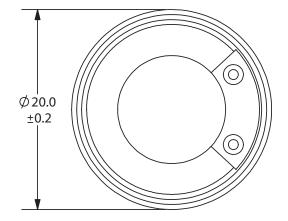
SPECIFICATIONS

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conditions/description	min	typ	max	units
		0.5	1.0	W
at 1.0 kHz, 1.0 V	6.8	8	9.2	Ω
at 1.0 V	600	750	900	Hz
	Fo		20,000	Hz
at 1.0 W, 50 cm, avg at 0.8, 1.0, 1.2, 1.5 kHz	83	86	89	dB
must be normal at sine wave			2.0	V
Ø20 x 3.8				mm
Nd-Fe-B				
PET				
solder pads				
		2.5		g
	-25		60	°C
	-40		70	°C
for maximum 3 seconds	340	350	360	°C
yes				
	at 1.0 kHz, 1.0 V at 1.0 V at 1.0 V at 1.0 W, 50 cm, avg at 0.8, 1.0, 1.2, 1.5 kHz must be normal at sine wave Ø20 x 3.8 Nd-Fe-B PET solder pads for maximum 3 seconds	at 1.0 kHz, 1.0 V 6.8 at 1.0 V 600 Fo 600 at 1.0 W, 50 cm, avg at 0.8, 1.0, 1.2, 1.5 kHz 83 must be normal at sine wave 83 Ø20 x 3.8 920 x 3.8 Nd-Fe-B -25 older pads -25 -40 50 cm 3 seconds	0.5 at 1.0 kHz, 1.0 V 6.8 8 at 1.0 V 600 750 F0 F0 750 at 1.0 W, 50 cm, avg at 0.8, 1.0, 1.2, 1.5 kHz 83 86 must be normal at sine wave 83 86 Ø20 x 3.8 1000000000000000000000000000000000000	0.5 1.0 at 1.0 kHz, 1.0 V 6.8 8 9.2 at 1.0 V 600 750 900 Fo 20,000 at 1.0 W, 50 cm, avg at 0.8, 1.0, 1.2, 1.5 kHz 83 86 89 must be normal at sine wave 2.0 2.0 Ø20 x 3.8 2.0 2.0 2.0 Nd-Fe-B 2.0 2.0 2.0 PET 2.5 50 50 solder pads 2.5 60 -2.5 60 70 for maximum 3 seconds 340 350 360

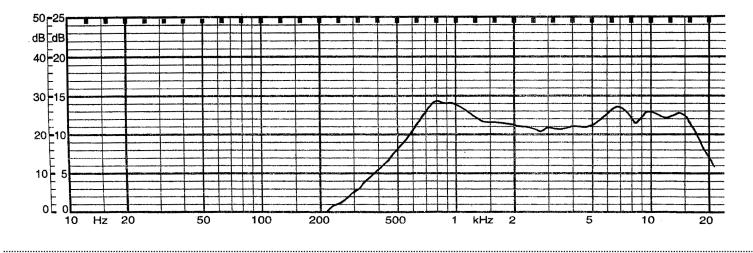
MECHANICAL DRAWING





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	07/03/2007
1.01	updated datasheet	06/07/2019
1.02	brand update	07/02/2020
1.03	logo, datasheet style update	08/05/2022
1.04	CUI Devices rebranded to Same Sky	09/11/2024
1.05	added storage temperature	04/08/2025

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

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

same sky

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Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.