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Additional Resources: Product Page | 3D Model

MODEL: CLS0231MA-1-L152 | DESCRIPTION: SPEAKER

FEATURES

- 23 mm
- round frame
- 0.5 W
- 8 Ω
- neodymium magnet
- PET cone
- wire leads



RoHS

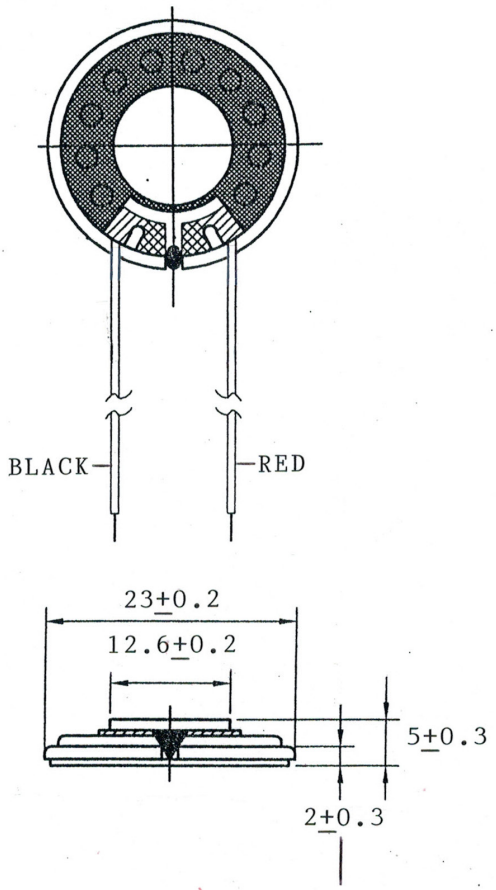
SPECIFICATIONS

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	536	670	804	Hz
frequency response		Fo		20,000	Hz
sound pressure level	at 1.0 W, 50 cm, avg at 0.8, 1.0, 1.2, 1.5 kHz	86	89	92	dB
buzz, rattle, etc.	must be normal at sine wave			2.0	V
dimensions	Ø23 x 5				mm
magnet	Nd-Fe-B				
cone material	PET				
terminal	wire leads				
weight			4.4		g
operating temperature		-25		60	°C
hand soldering	for maximum 3 seconds	340	350	360	°C
RoHS	yes				

MECHANICAL DRAWING

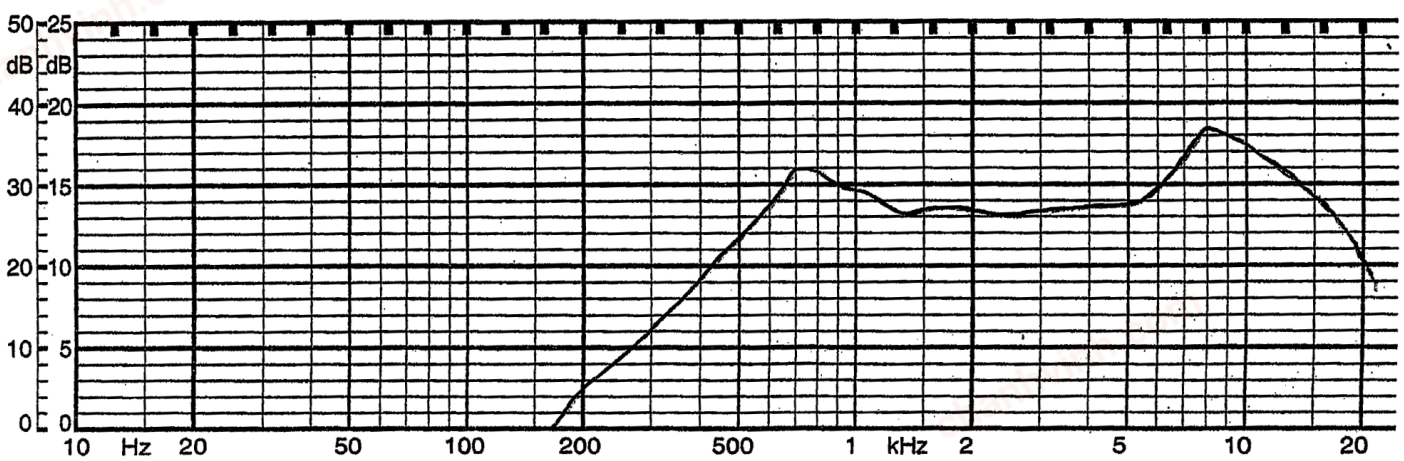
units: mm

wire: UL1007 28 AWG
wire length: 152 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



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REVISION HISTORY

rev.	description	date
1.0	initial release	07/03/2007
1.01	updated datasheet	02/01/2010
1.02	brand update	06/12/2020
1.03	logo, datasheet style update	08/05/2022
1.04	CUI Devices rebranded to Same Sky	09/11/2024

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.

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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.

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