

Additional Resources: Product Page

date 09/11/2024

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MODEL: CLS0451M-L152 | **DESCRIPTION:** SPEAKER

FEATURES

- 45 mm round frame
- 8 Ω impedance
- rated 0.2 W
- neodymium magnet
- PET cone
- wire leads





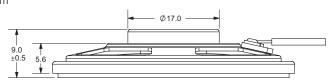
SPECIFICATIONS

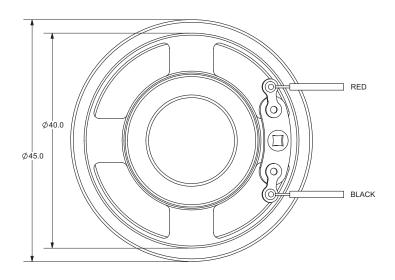
parameter	conditions/description	min	typ	max	units
input power			0.2	0.5	W
impedance	at 1.0 kHz, 1.0 V	6.8	8	9.2	Ω
resonant frequency (Fo)	at 1.0 V	456	570	684	Hz
frequency response		Fo		8,000	Hz
sound pressure level	at 0.2 W, 50 cm, avg at 1.0, 1.4, 1.7, 2.0 kHz	81	84	87	dB
buzz, rattle, etc.	must be normal at sine wave, frequency range			1.26	V
dimensions	Ø45 x 9				mm
magnet	Nd-Fe-B				
cone material	PET				
terminal	wire leads				
weight			12.5		g
operating temperature		-25		60	°C
hand soldering	for maximum 3 seconds	360	380	400	°C
RoHS	yes				

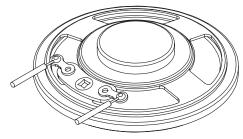
MECHANICAL DRAWING

units: mm tolerance: ±0.5 mm

wire: UL1007 28 AWG length: 152 mm

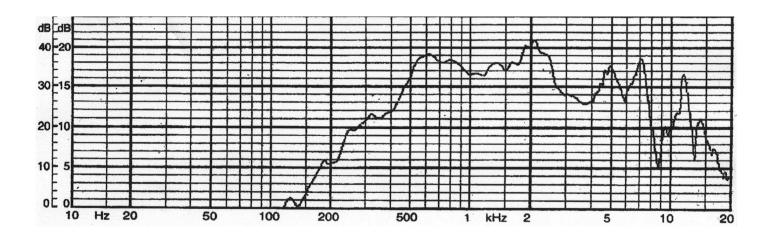






FREQUENCY RESPONSE CURVE

parameter	conditions/description		
potentiometer range	50 dB		
rectifier	RMS		
lower limit frequency	20 Hz		
zero level	50 dB		



rev. description date 1.0 initial release 07/03/2007 1.01 brand update 01/28/2021 1.02 logo, datasheet style update 08/05/2022 1.03 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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