



MODEL:

CLS0501M-L152

|

DESCRIPTION:

SPEAKER

FEATURES

- 50 mm
- round frame
- 0.2 W
- 8 Ω
- neodymium magnet
- PET cone
- wire leads



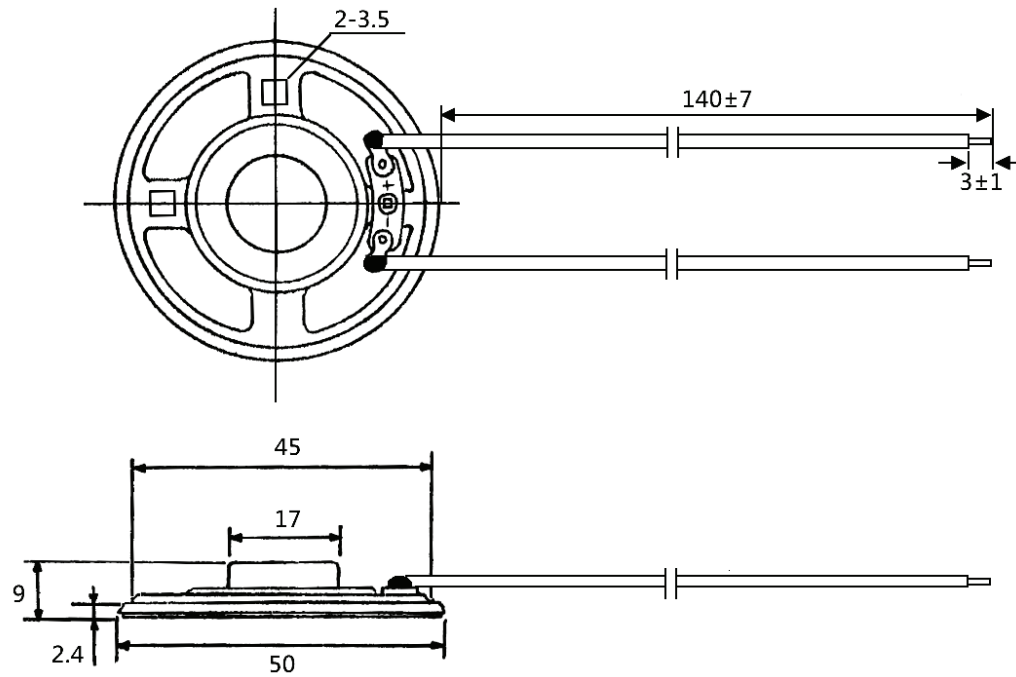
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
input power			0.2	0.5	W
impedance	at 0.8 kHz, 1.0 V	6.8	8	9.2	Ω
resonant frequency (Fo)	at 1.0 V	480	600	720	Hz
frequency response		Fo		12,000	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
distortion	at 1 kHz, 0.2 W			5	%
buzz, rattle, etc.	must be normal at sine wave			1.26	V
dimensions	50 x 9				mm
magnet	Nd-Fe-B				
cone material	PET				
terminal	wire leads				
weight			13.1		g
operating temperature		-25		60	$^{\circ}\text{C}$
hand soldering	for maximum 3 seconds	360	380	400	$^{\circ}\text{C}$
RoHS	yes				

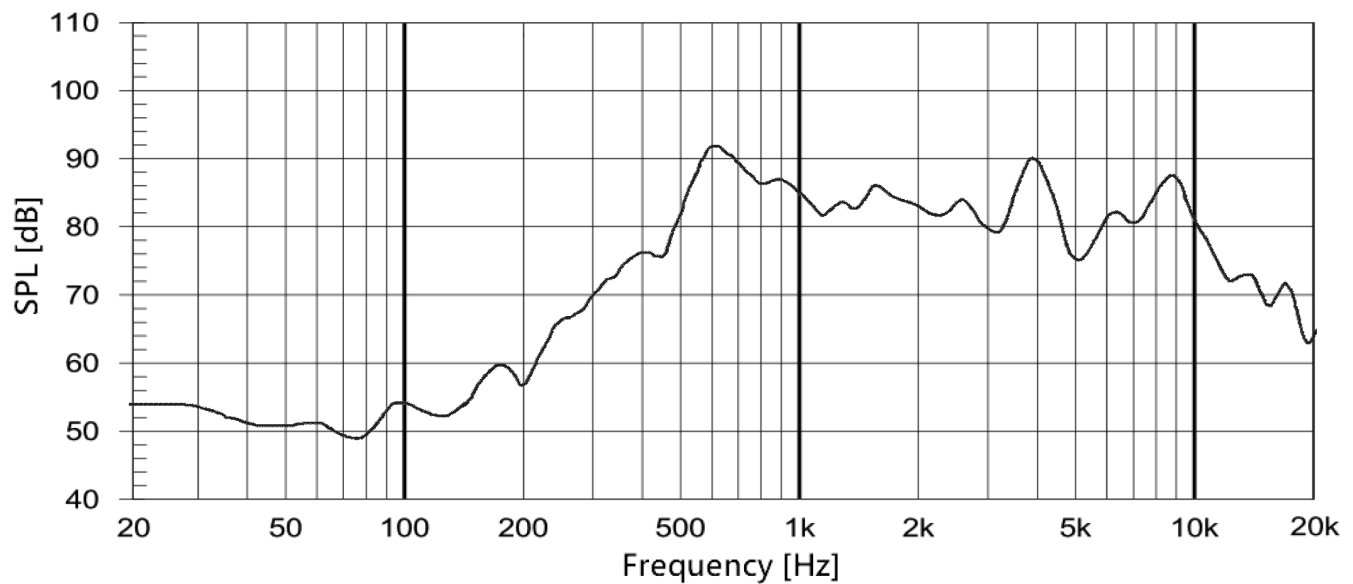
MECHANICAL DRAWING

units: mm
tolerance: ± 0.5 mm

wire: UL1007, 26 AWG



FREQUENCY RESPONSE CURVE



REVISION HISTORY

rev.	description	date
1.0	initial release	07/03/2007
1.01	frame shape changed, SPL increased, brand update	04/09/2020
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.

Same Sky reserves the right to make changes to the product at any time without notice. Information provided by Same Sky is believed to be accurate and reliable. However, no responsibility is assumed by Same Sky for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

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.

sameskydevices.com

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Same Sky:](#)

[CLS0501M-L152](#)