

date 08/05/2022

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MODEL: CLS0301-L152 | DESCRIPTION: SPEAKER

FEATURES

- 30 mm
- round frame
- 1.0 W
- B Ω
- neodymium magnet
- paper cone
- wire leads





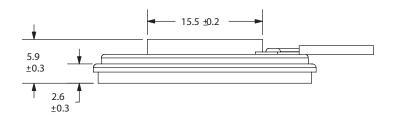
SPECIFICATIONS

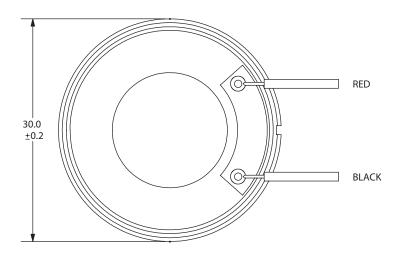
parameter	conditions/description	min	typ	max	units
input power			1.0	2.0	W
impedance	at 1.0 kHz, 1.0 V	6.8	8	9.2	Ω
resonant frequency (Fo)	at 1.0 V	440	550	660	Hz
frequency response		Fo		20,000	Hz
sound pressure level	at 1.0 W, 50 cm, avg at 0.8, 1.0, 1.2, 1.5 kHz	83	86	89	dB
buzz, rattle, etc.	must be normal at sine wave			2.83	V
dimensions	Ø30 x 5.9				mm
magnet	Nd-Fe-B				
cone material	paper				
terminal	wire leads				
weight			6.5		g
operating temperature		-25		70	°C
hand soldering	for maximum 3 seconds	340	350	360	°C
RoHS	yes				

MECHANICAL DRAWING

units: mm

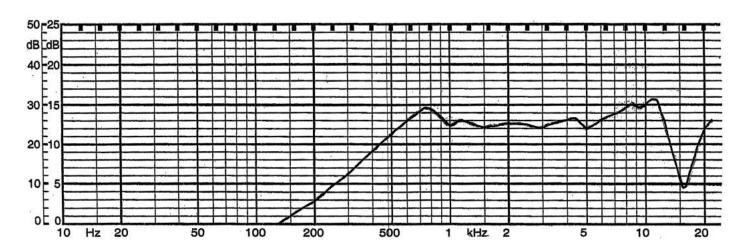
wire: UL1007 28 AWG length: 152 mm





FREQUENCY RESPONSE CURVE

parameter	conditions/description	
potentiometer range	50 dB	
rectifier	RMS	
lower limit frequency	20 Hz	
wr. speed	100 mm/sec	
zero level	60 dB	



REVISION HISTORY

rev.	description	date
1.0	initial release	07/03/2007
1.01	brand update	07/01/2020
1.02	logo, datasheet style update	08/05/2022



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