MODEL: CLS0281-L152 | DESCRIPTION: SPEAKER

FEATURES

- 28 mm
- round frame
- 1.0 W
- 8 Ω
- neodymium magnet
- paper cone
- wire leads

RoHS

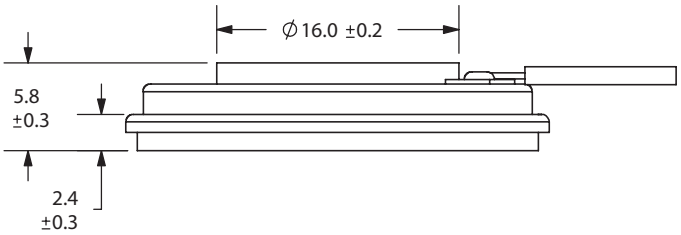
SPECIFICATIONS

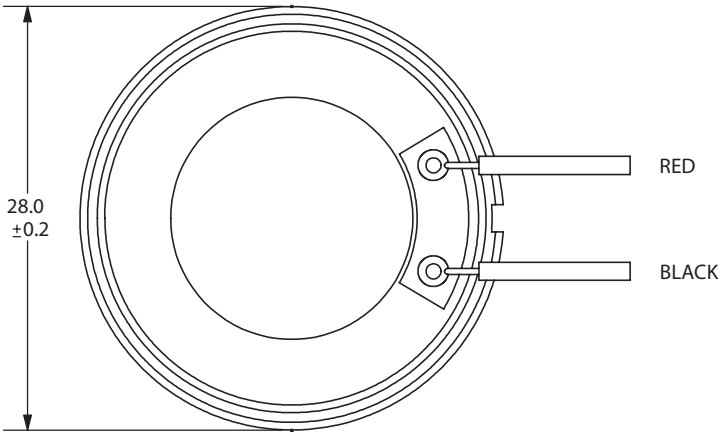
parameter	conditions/description	min	typ	max	units
input power	max power: as per IEC-268-5, in 1 cc box		1	3	W
impedance	at 1.0 kHz, 1.0 V	6.8	8	9.2	Ω
resonant frequency (Fo)	at 1.0 V	440	550	660	Hz
frequency response		Fo		20,000	Hz
sound pressure level	at 1.0 W, 50 cm, avg at 0.6, 0.8, 1.0, 1.2 kHz	79	82	85	dB
buzz, rattle, etc.	must be normal at sine wave			2.83	V
dimensions	Ø28 x 5.8				mm
magnet	Nd-Fe-B				
cone material	paper				
terminal	wire leads				
weight			7.6		g
operating temperature		-25		70	°C
hand soldering	for maximum 3 seconds	340	350	360	°C
RoHS	yes				

MECHANICAL DRAWING

units: mm

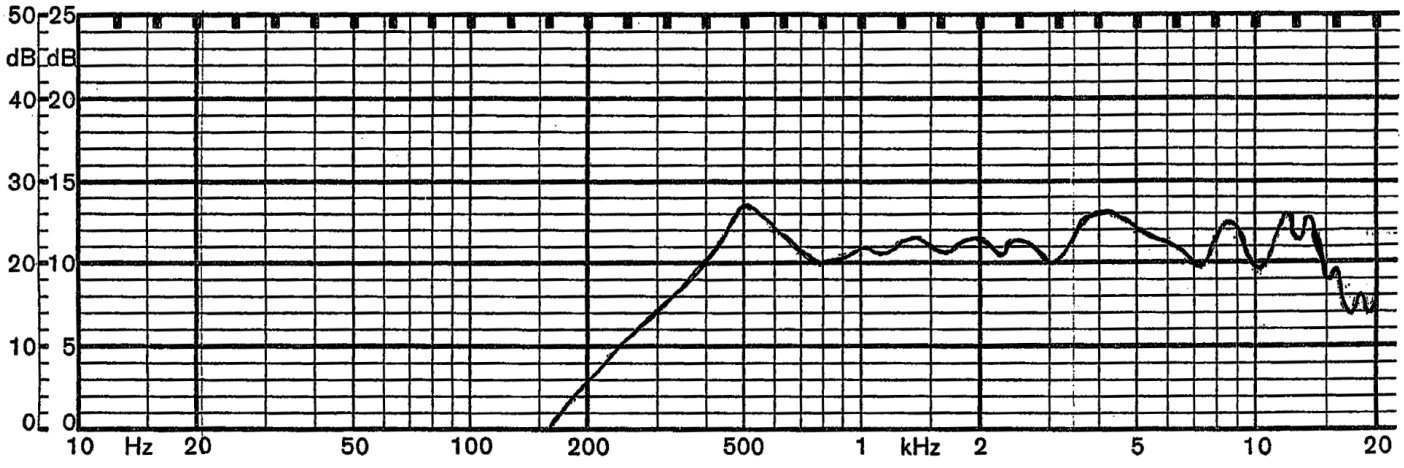
wire: UL1007 28 AWG
length: 152 mm





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	08/20/2020
1.02	logo, datasheet style update	10/26/2022
1.03	CUI Devices rebranded to Same Sky	09/12/2024

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