CUDEVICES

MODEL: GC0251K | **DESCRIPTION:** SPEAKER

FEATURES

- 14 x 25 mm
- rectangular frame
- 1.0 W
- 8 Ω
- neodymium magnet
- cloth cone



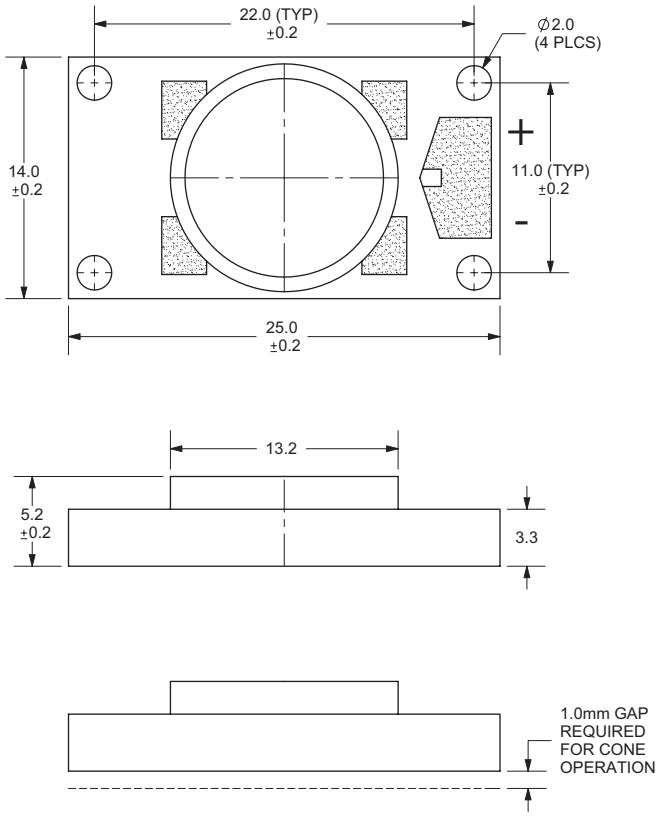
RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
input power			1.0	1.5	W
impedance	at 1.0 kHz, 1.0 V	6.8	8	9.2	Ω
resonant frequency (Fo)	at 1.0 V	592	740	888	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	78	81	84	dB
buzz, rattle, etc.	must be normal at sine wave			2.83	V
dimensions	25 x 14 x 5.2				mm
magnet	Nd-Fe-B				
cone material	cloth				
terminal	solder pads				
weight			2.4		g
operating temperature		-25		60	°C
hand soldering	for maximum 3 seconds	340	350	360	°C
RoHS	yes				

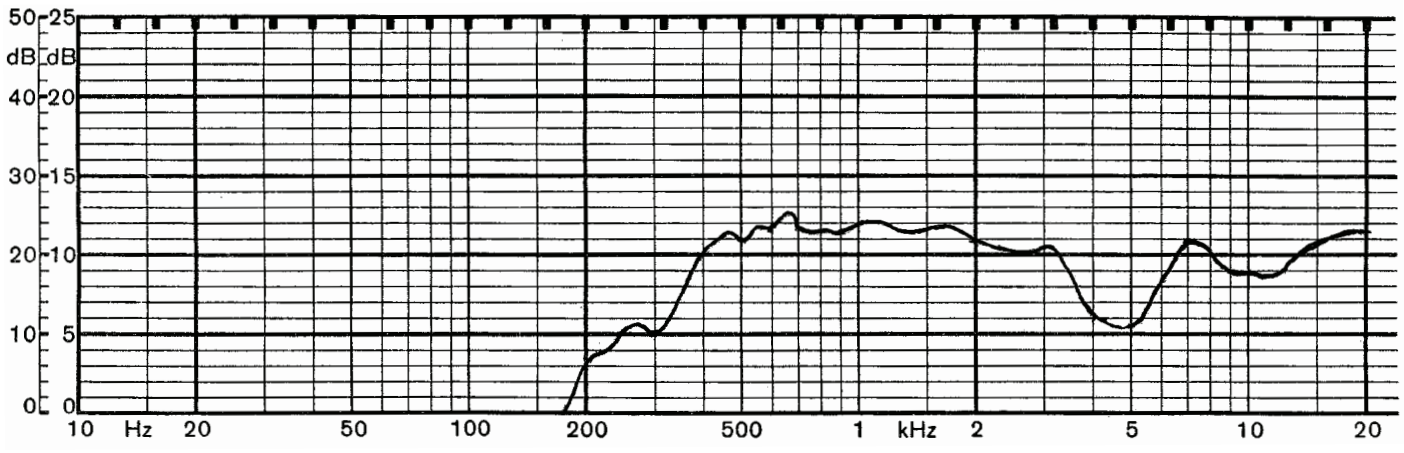
MECHANICAL DRAWING

units: mm
tolerance: ±0.8 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	01/28/2009
1.01	applied new template, corrected spec	06/18/2014
1.02	brand update	05/18/2020
1.03	logo, datasheet style update	10/26/2022

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

CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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