CUDEVICES

MODEL: CMS0401KL-3X | **DESCRIPTION:** SPEAKER

FEATURES

- 40.1 x 40.1 mm
- square frame
- 5.0 W
- 8 Ω
- neodymium magnet
- PET cone

RoHS

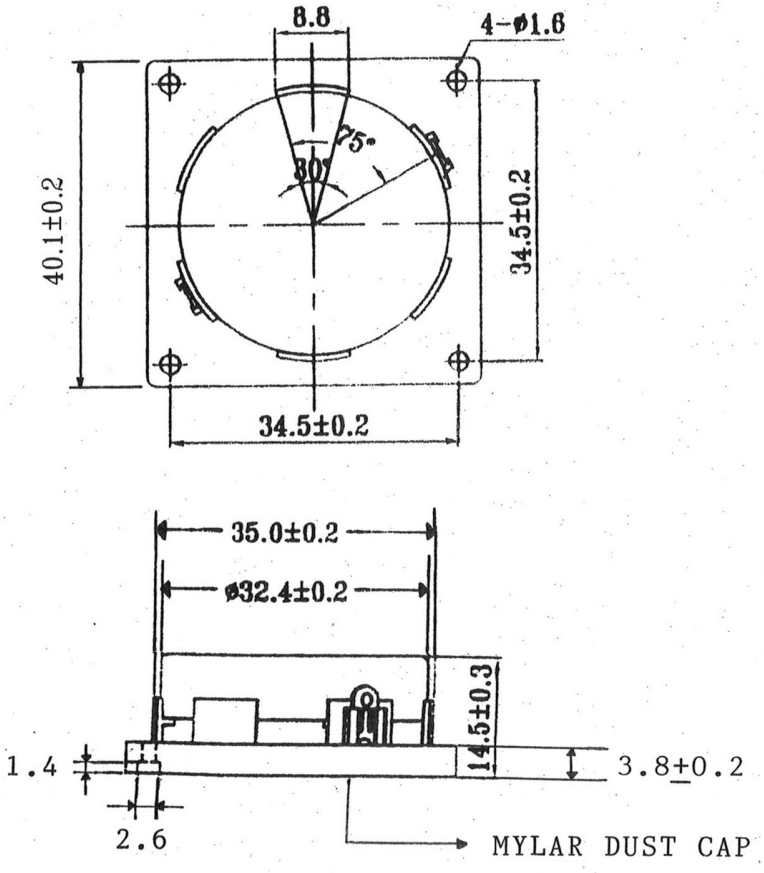
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
input power			5.0	8.0	W
impedance	at 1.0 kHz, 1.0 V	6.8	8	9.2	Ω
resonant frequency (Fo)	at 1.0 V	344	430	516	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	84	87	90	dB
buzz, rattle, etc.	must be normal at sine wave			6.32	V
dimensions	40.1 x 40.1 x 14.5				mm
magnet	Nd-Fe-B				
cone material	PET				
terminal	solder eyelets				
weight			42.5		g
operating temperature		-25		60	°C
hand soldering	for maximum 3 seconds	340	350	360	°C
RoHS	yes				

Notes: 1. All specifications measured at 15~35°C, humidity at 25~75%, under 86~106 kPa pressure, unless otherwise noted.

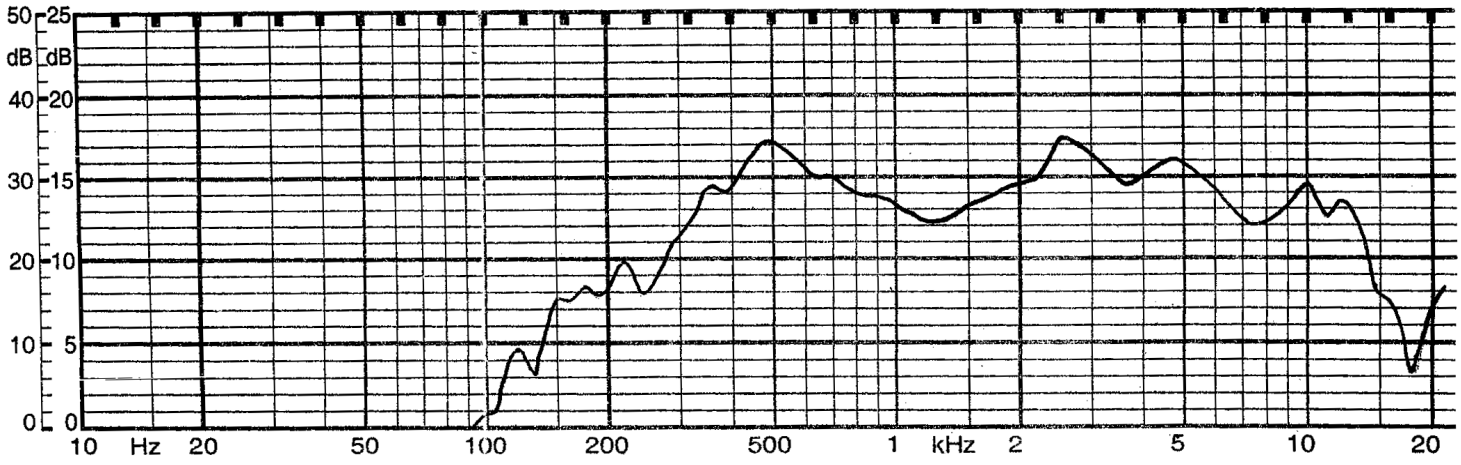
MECHANICAL DRAWING

units: 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	08/06/2008
1.01	new template applied, base thickness changed from 3.0 to 3.8 mm	02/24/2010
1.02	new template applied, dust cap changed to mylar, updated resonant frequency and S.P.L.	06/14/2012
1.03	dust cap changed from silver to black, updated resonant frequency, brand update	01/29/2020
1.04	logo, datasheet style update	08/05/2022

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

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