

date 06/14/2012

page 1 of 3

MODEL: CMS0401KL-1X | DESCRIPTION: SPEAKER

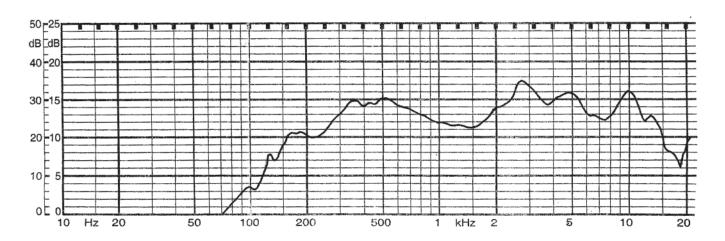


SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
nominal size	40.1 x 40.1 x 14.5H				mm
impedance	at 1 kHz, 1 V	6.8	8	9.2	Ω
resonant frequency	at 1 V	256	320	384	Hz
sound pressure level	1 W, 50 cm ave., at 0.5, 0.6, 0.8, 1 kHz	84	87	90	dB
response	10 dB max.	Fo		20,000	Hz
input power			4	6	W
operation	must be normal at program source		4		W
buzz, rattle, etc.	must be normal at sine wave		5.66		Vdc
magnet	size: 24.5 x 3.5 mm				
load test	24 hours of white noise at		4		W
heat test	20 ~ 50% RH for 24 hours	58	60	62	°C
humidity test	90 ~ 95% RH for 24 hours	38	40	42	°C
RoHS	yes				

FREQUENCY RESPONSE CURVE

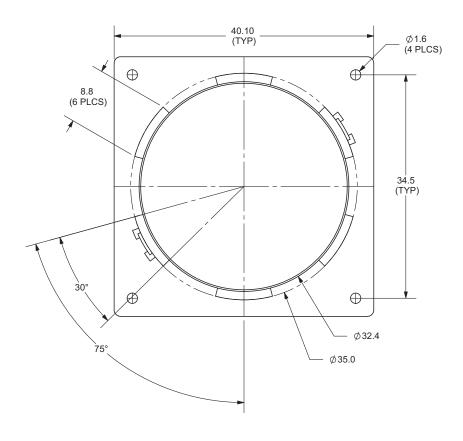
parameter	conditions/description
potentiometer range	50 dB
rectifier	RMS
lower limit frequency	20 Hz
wr. speed	100 mm/sec
zero level	60 dB

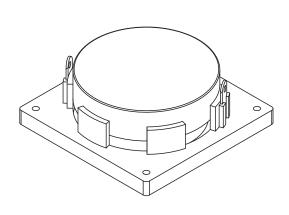


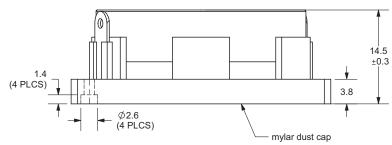
MECHANICAL DRAWING

units: mm

tolerance: ±0.2 mm







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	

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



Headquarters 20050 SW 112th Ave. Tualatin, OR 97062 **800.275.4899**

Fax 503.612.2383 **cui**.com techsupport@cui.com

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