CUI INC®

MODEL: GF0401M | **DESCRIPTION:** SPEAKER

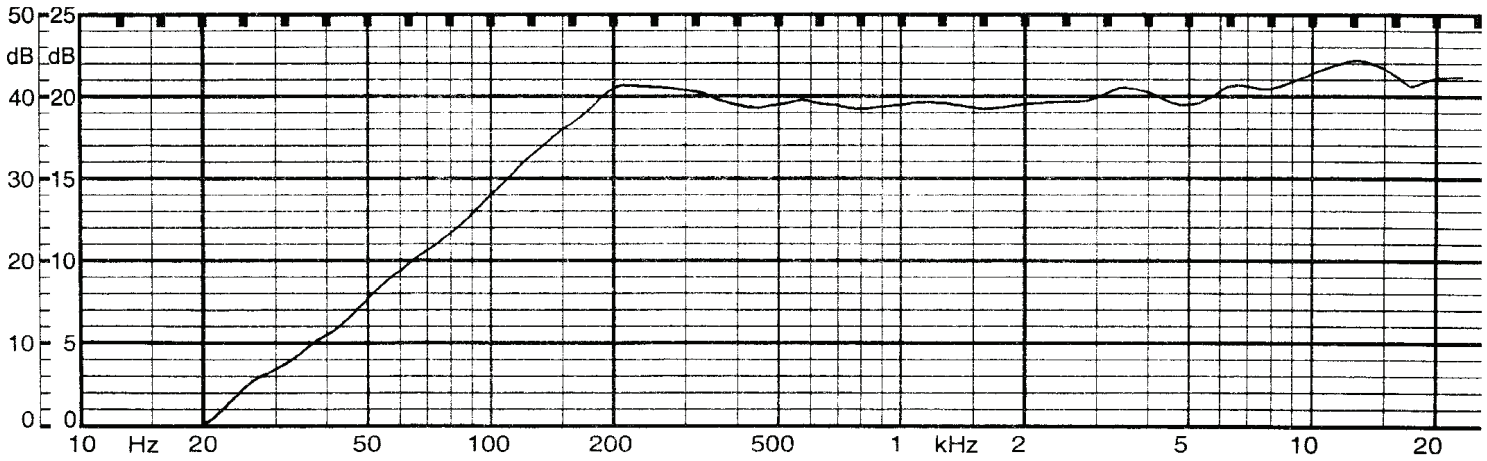
RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
nominal size			40		mm
impedance	at 1 kHz, 0.57 V	6.8	8	9.2	Ω
resonant frequency	at 0.57 V	144	180	216	Hz
sound pressure level	0.1 W, 10 cm ave., at 0.8, 1, 1.2, 1.5 kHz	96	99	102	dB
response	10 dB max.	Fo		20,000	Hz
input power			0.04	0.1	W
operation	must be normal at program source		0.04		W
buzz, rattle, etc.	must be normal at sine wave		0.57		Vdc
magnet	size: 27 x 17 x 3 mm				
load test	24 hours of white noise at		0.04		W
heat test	20 ~ 50% RH for 24 hours	48	50	52	°C
humidity test	90 ~ 95% RH for 24 hours	38	40	42	°C
RoHS	yes				

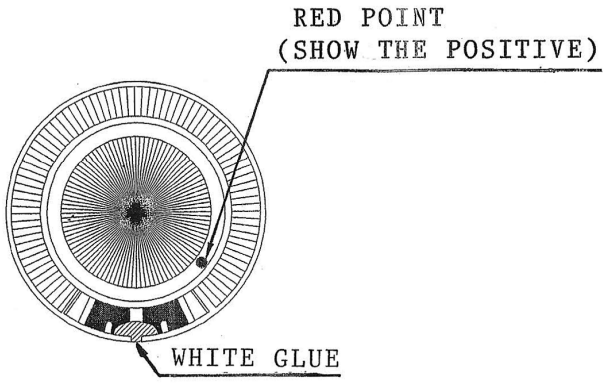
FREQUENCY RESPONSE CURVE

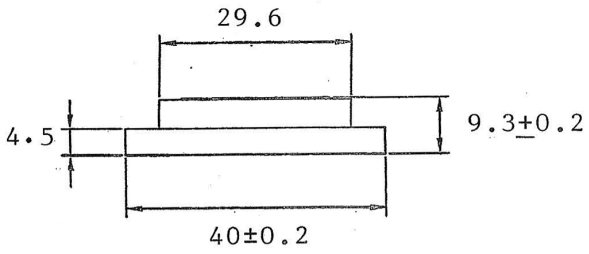
parameter	conditions/description
potentiometer range	50 dB
rectifier	RMS
lower limit frequency	20 Hz
wr. speed	100 mm/sec
zero level	60 dB



MECHANICAL DRAWING

units: mm
tolerance: ±0.2 mm





REVISION HISTORY

rev.	description	date
1.0	initial release	07/27/2006
1.01	updated template, input power, SPL, frequency response curve, and mechanical drawing	06/01/2012
1.02	updated SPL and frequency response curve	03/11/2013

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

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

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