# CUI DEVICES

# MODEL: GC0402MA | DESCRIPTION: SPEAKER

#### FEATURES

- 40 mm
- round frame
- rated 0.5 W
- 8 Ω impedance
- neodymium magnet
- mylar cone



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#### **SPECIFICATIONS**

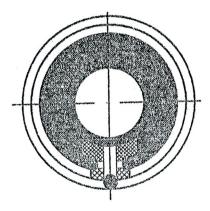
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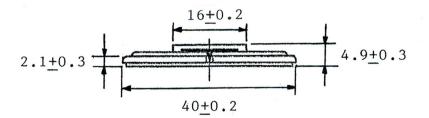
parameter	conditions/description	min	typ	max	units
input power			0.5	1.0	W
impedance	at 1.0 kHz, 1.0 V	6.8	8	9.2	Ω
resonant frequency (Fo)	at 1.0 V	464	580	696	Hz
frequency response		Fo		10,000	Hz
sound pressure level	at 1.0 W, 50 cm, avg. at 0.8, 1.0, 1.2, 1.5 kHz	93	96	99	dB
buzz, rattle, etc.	must be normal at sine wave			2.0	V
dimensions	Ø40 x 4.9				mm
magnet	Nd-Fe-B				
cone material	mylar				
terminal	solder pads				
weight			9.8		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**

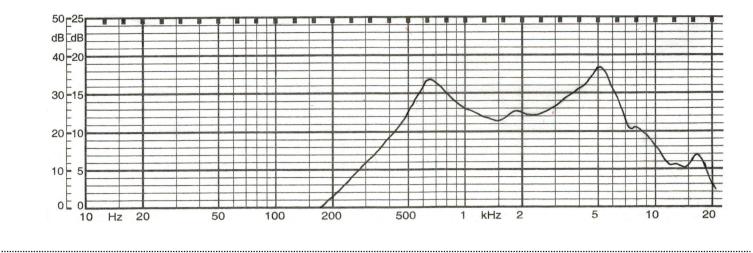
units: mm tolerance: ±0.2 mm





## **FREQUENCY RESPONSE CURVE**

parameter	conditions/description	
potentiometer range	50 dB	
rectifier	RMS	
lower limit frequency	20 Hz	
wr. speed	100 mm/sec	
zero level	70 dB	



### **REVISION HISTORY**

rev.	description	date
1.0	initial release	07/11/2008
1.01	brand update	02/27/2020

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

**CUI** DEVICES

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

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