

MODEL: GF0876M | **DESCRIPTION:** SPEAKER**FEATURES**

- 87 mm
- square frame
- 12.0 W
- 8 Ω
- ferrite magnet
- mylar cone

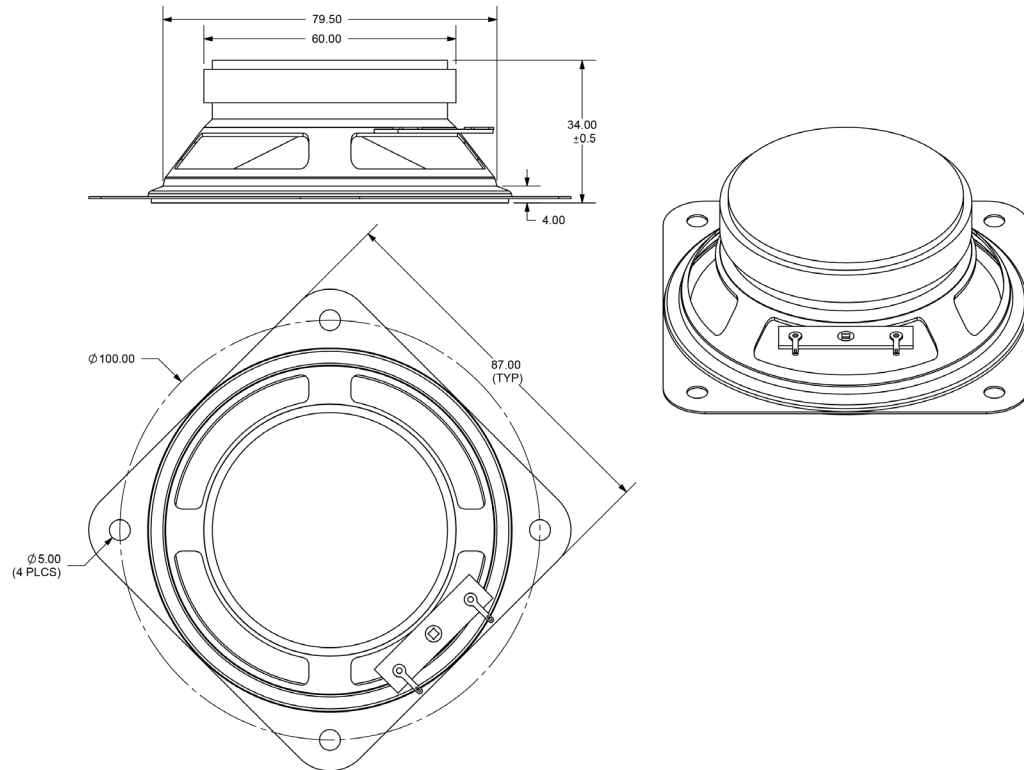
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
input power			12	15	W
impedance	at 0.8 kHz, 1.0 V	6.8	8	9.2	Ω
resonant frequency (Fo)	at 1.0 V	464	580	696	Hz
frequency response	output SPL \pm 10 dB	Fo		15,000	Hz
sound pressure level	at 1.0 W, 50 cm, avg at 1.0, 1.3, 1.5, 2.0 kHz	94	97	100	dB
buzz, rattle, etc.	must be normal at sine wave			9.8	V
dimensions	87 x 87 x 34				mm
magnet	ferrite				
cone material	mylar				
terminal	solder eyelets				
weight			240		g
operating temperature		-25		60	$^{\circ}$ C
hand soldering	for maximum 5 seconds	400	420	440	$^{\circ}$ C
RoHS	yes				

Notes: 1. All specifications measured at 15~35 $^{\circ}$ C, humidity at 25~75%, under 86~106 kPa pressure, unless otherwise noted.

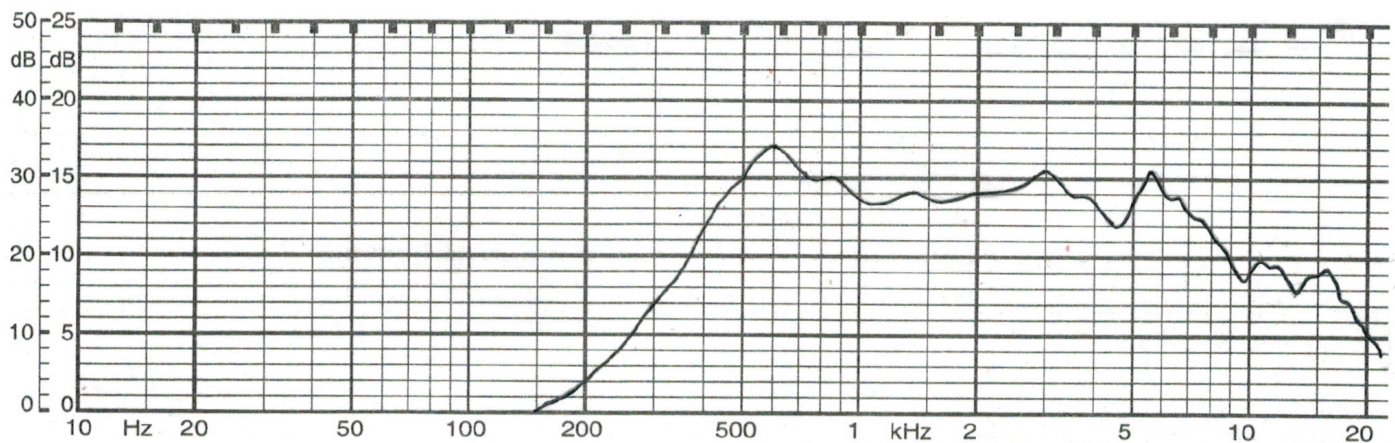
MECHANICAL DRAWING

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	70 dB



REVISION HISTORY

rev.	description	date
1.0	initial release	12/20/2006
1.01	updated datasheet	07/30/2019

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

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

CUI reserves the right to make changes to the product at any time without notice. Information provided by CUI is believed to be accurate and reliable. However, no responsibility is assumed by CUI for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

CUI products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.