

## **Excellent Integrated System Limited**

Stocking Distributor

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[CUI Inc.](#)  
[GF0876](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

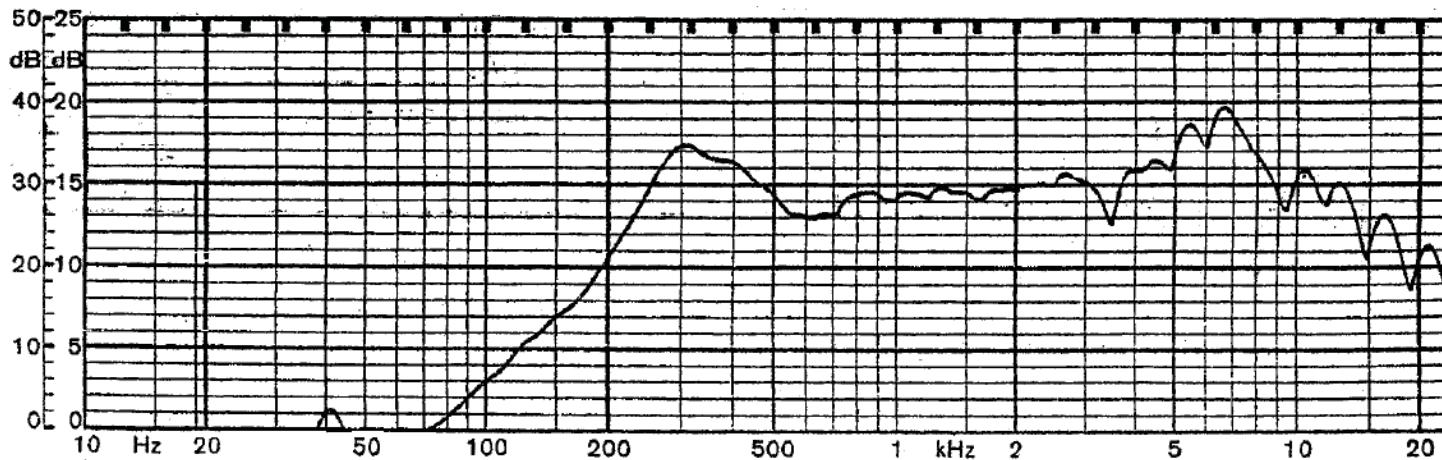

**MODEL: GF0876 | DESCRIPTION: SPEAKER**


## SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
nominal size			87		mm
impedance	at 0.8 kHz, 1 V	6.8	8	9.2	Ω
resonant frequency	at 1 V	232	290	348	Hz
sound pressure level	1 W, 50 cm ave., at 1, 1.4, 1.7, 2 kHz	96	99	102	dB
response	10 dB max.	F <sub>0</sub>		18,000	Hz
input power			2	3	W
operation	must be normal at program source		2		W
buzz, rattle, etc.	must be normal at sine wave		4		Vdc
magnet	size: 45 x 22 x 8				mm
operating temperature		-25		70	°C
storage temperature		-40		80	°C
load test	24 hours of white noise		2		W
heat test	20 ~ 50% RH for 24 hours	68	70	72	°C
humidity test	90 ~ 95% RH for 24 hours	38	40	42	°C
RoHS	yes				

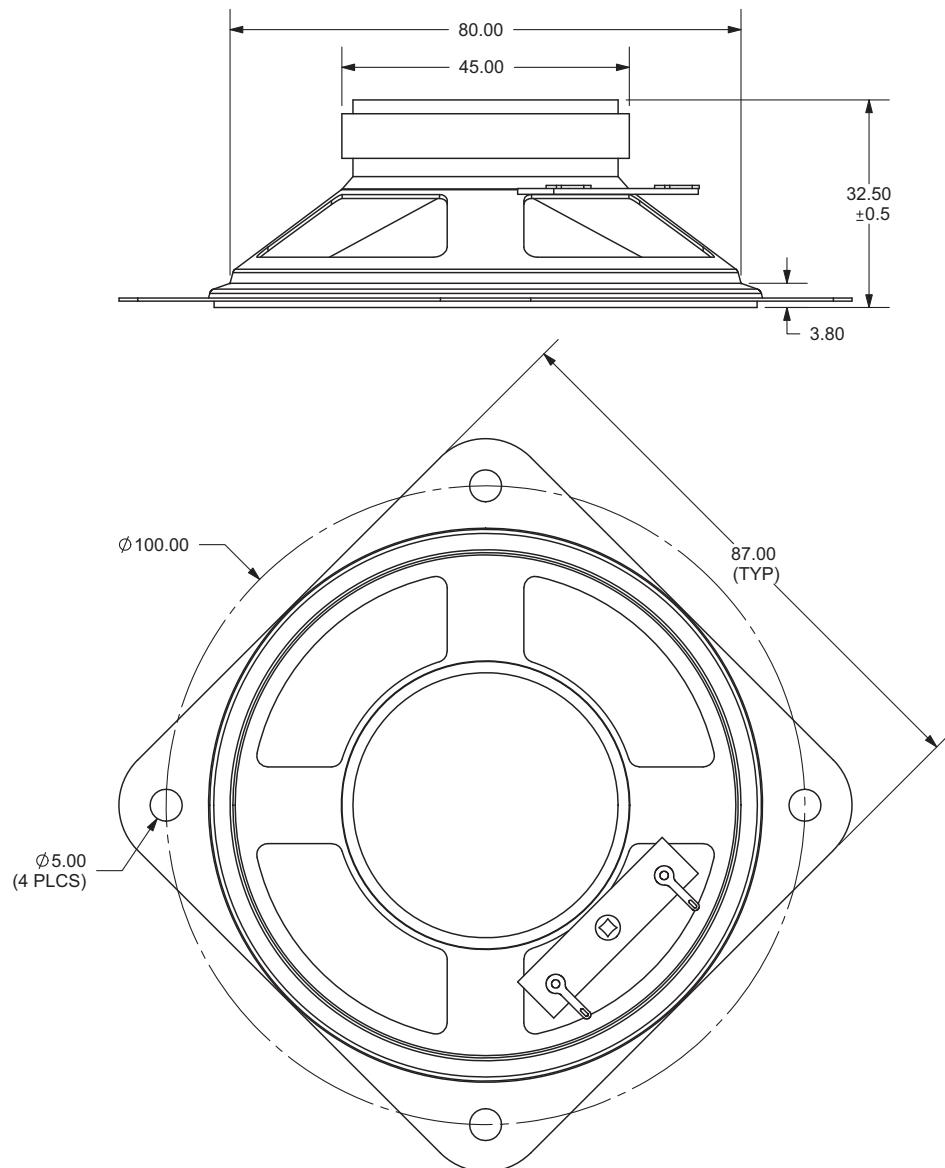
## FREQUENCY RESPONSE CURVE

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



**MECHANICAL DRAWING**

units: mm  
tolerance:  $\pm 0.5$  mm



**REVISION HISTORY**

rev.	description	date
1.0	initial release	09/18/2006
1.01	applied new spec template, added operating & storage temperatures	05/16/2013

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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