



MODEL: GF1005M | DESCRIPTION: SPEAKER

FEATURES

- 102.2 mm
- square frame
- 15.0 W
- 8 Ω
- ferrite magnet
- PET cone

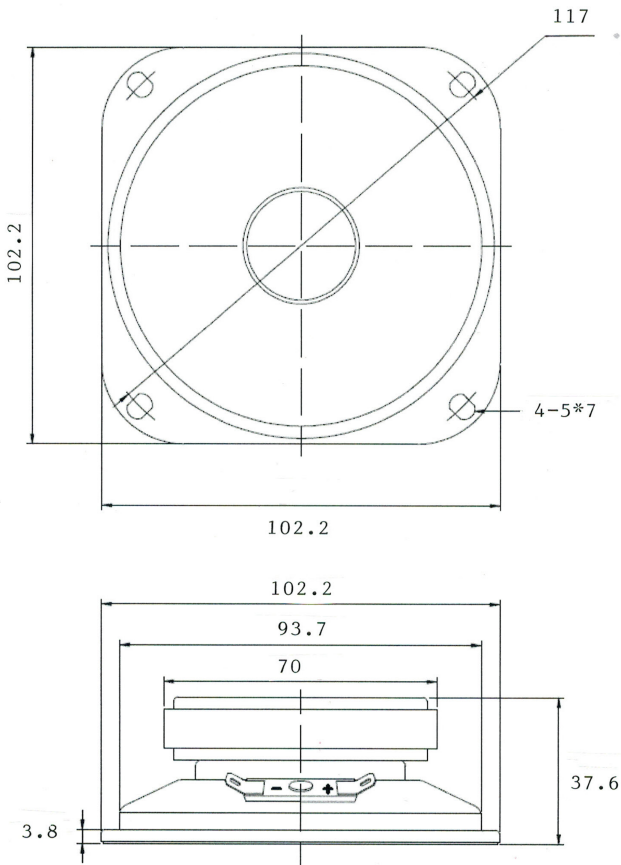


SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
input power			15.0	20.0	W
impedance	at 0.8 kHz, 1.0 V	6.8	8	9.2	Ω
resonant frequency (Fo)	at 1.0 V	656	820	984	Hz
frequency response		Fo		6,500	Hz
sound pressure level	at 1.0 W, 50 cm, avg at 1.0, 1.5, 2.0, 3.0 kHz	97	100	103	dB
buzz, rattle, etc.	must be normal at sine wave			10	V
dimensions	102.2 x 102.2 x 37.6				mm
magnet	ferrite				
cone material	PET				
terminal	solder eyelets				
operating temperature		-25		60	$^{\circ}\text{C}$
hand soldering	for maximum 5 seconds	400	420	440	$^{\circ}\text{C}$
RoHS	yes				

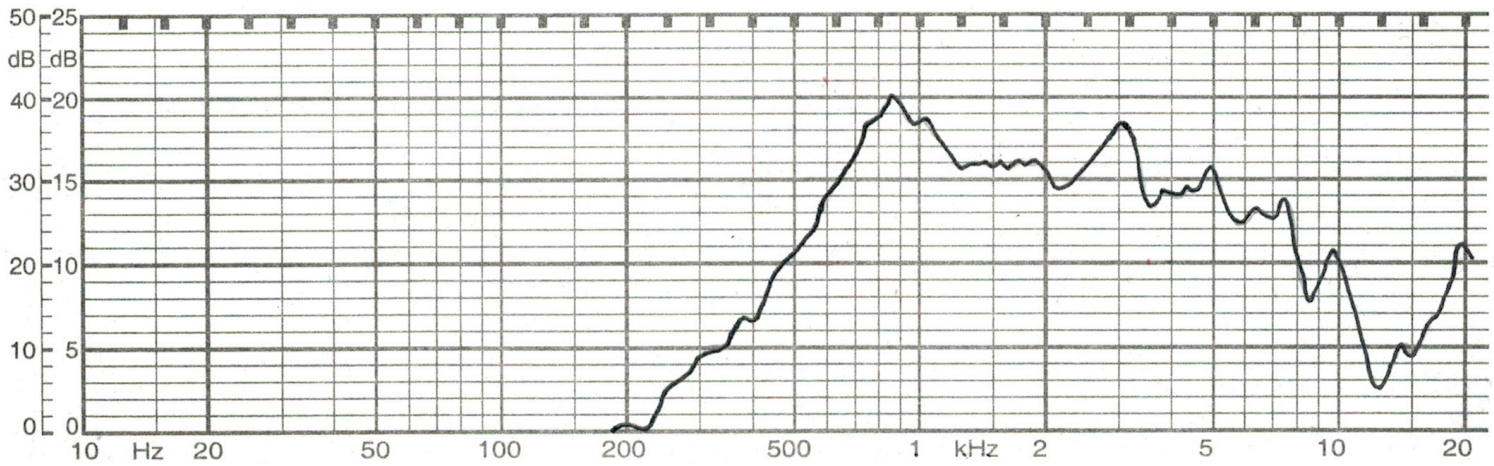
MECHANICAL DRAWING

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	10/17/2007
1.01	updated datasheet	03/01/2009
1.02	brand update	03/09/2021
1.03	logo, datasheet style update	08/05/2022
1.04	CUI Devices rebranded to Same Sky	09/11/2024

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



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

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