

date 08/05/2022

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MODEL: GF0501 | DESCRIPTION: SPEAKER

FEATURES

- 50 mm
- round frame
- 0.25 W
- B Ω
- ferrite magnet
- paper cone



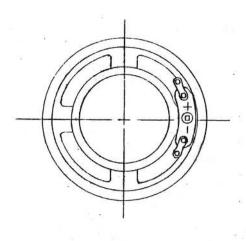


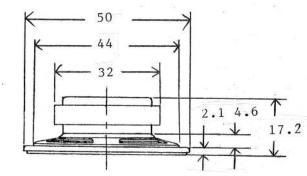
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
input power			0.25	0.5	W
impedance	at 0.8 kHz, 1.0 V	6.8	8	9.2	Ω
resonant frequency (Fo)	at 1.0 V	360	450	540	Hz
frequency response		Fo		5,900	Hz
sound pressure level	at 0.25 W, 50 cm, avg at 1.0, 1.4, 1.7, 2.0 kHz	84	87	90	dB
buzz, rattle, etc.	must be normal at sine wave			1.41	V
dimensions	Ø50 x 17.2				mm
magnet	ferrite				
cone material	paper				
terminal	solder eyelets				
weight			51.0		g
operating temperature		-25		70	°C
hand soldering	for maximum 3 seconds	360	380	400	°C
RoHS	yes				

MECHANICAL DRAWING

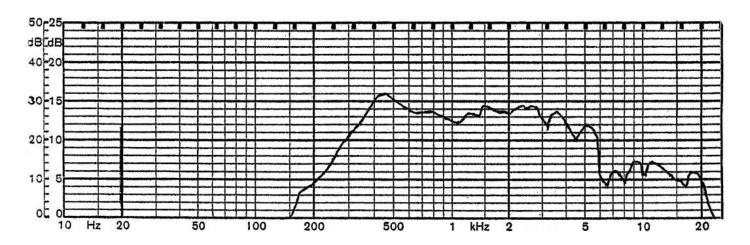
tolerance: ±0.8 mm





FREQUENCY RESPONSE CURVE

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



Additional Resources: Product Page | 3D Model

CUI DEVICES | MODEL: GF0501 | DESCRIPTION: SPEAKER

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REVISION HISTORY

rev.	description	date
1.0	initial release	09/20/2006
1.01	brand update	10/13/2020
1.02	logo, datasheet style update	08/05/2022

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



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

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