CUDEVICES

MODEL: GC0302M | **DESCRIPTION:** SPEAKER

FEATURES

- 30 mm
- round Frame
- rated 0.03 W
- 32 Ω impedance
- neodymium magnet
- PET cone

RoHS

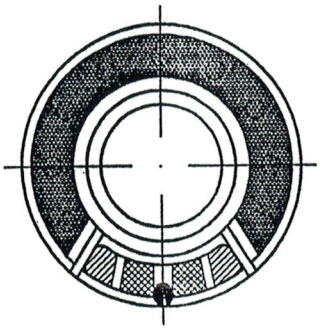
SPECIFICATIONS

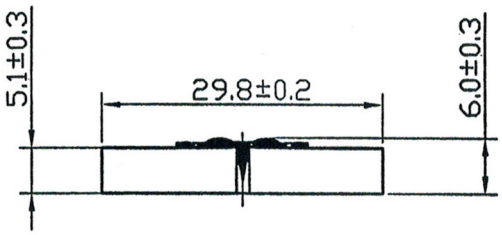
parameter	conditions/description	min	typ	max	units
input power			0.03	0.15	W
impedance	at 1.0 KHz, 1.0 V	27.2	32	36.8	Ω
resonant frequency (Fo)	at 1.0 V	176	220	264	Hz
frequency response		Fo		3,000	Hz
sound pressure level	at 1 mW, 1 cm, avg at 0.8, 1.0, 1.2, 1.5 kHz	117	120	123	dB
buzz, rattle, etc.	must be normal at sine wave		0.98		V
dimensions	Ø29.8 x 6.0				mm
magnet	Nd-Fe-B				
cone material	PET				
terminal	solder pads				
weight			5.8		g
operating temperature		-25		50	°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

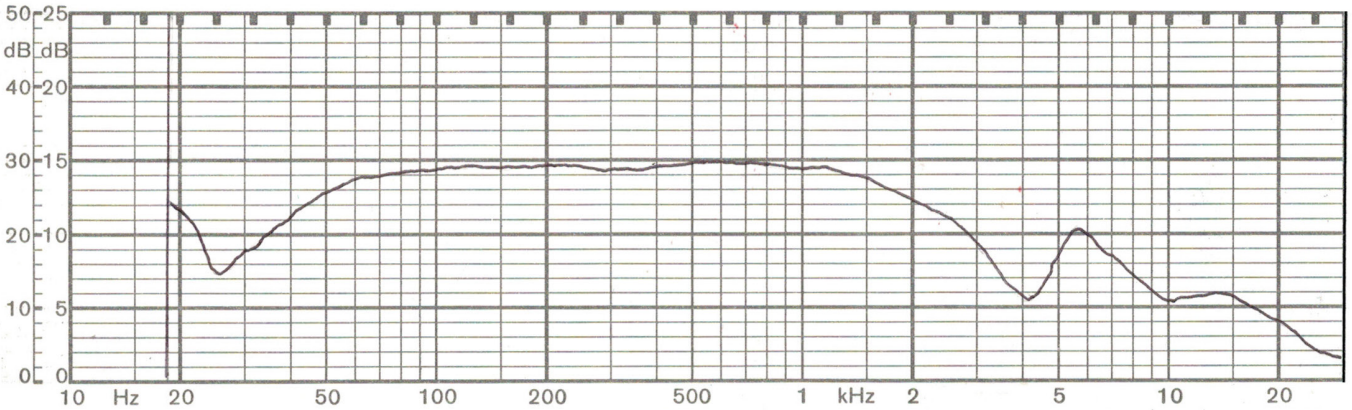
units: mm
tolerance: ±0.2 mm





FREQUENCY RESPONSE CURVE

parameter	conditions/description
potentiometer range	50 dB
rectifier	RMS
lower limit frequency	20 Hz
wr. speed	100 mm/sec
zero level	90 dB



REVISION HISTORY

rev.	description	date
1.0	initial release	07/08/2002
1.01	brand update	02/17/2020
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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