MODEL: CMS-272006-18E | DESCRIPTION: SPEAKER

FEATURES

- 8 ohm
- rated 1.0 W
- solder eyelets

RoHS

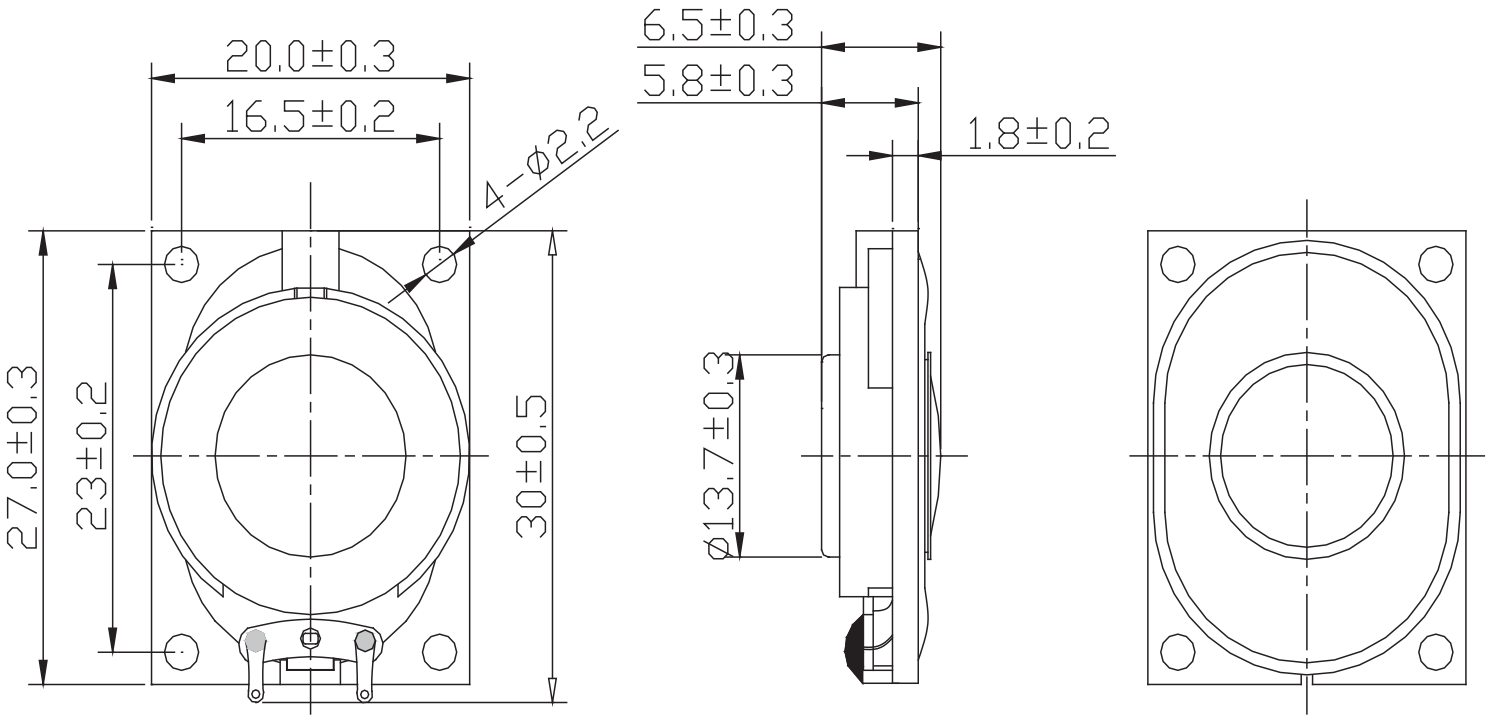
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
input power	max power: 1 minute on, 2 minutes off, 10 cycles		1.0	3.0	W
impedance	at 1 kHz, 1 V	6.8	8	9.2	Ω
resonant frequency (Fo)	at 1 V	520	650	780	Hz
frequency response		250		20,000	Hz
sound pressure level	at 1.0 W, 0.5 m, avg at 0.8, 1.0, 1.2, 1.5 kHz	77	80	83	dB
distortion	at 1.0 W, 1.0 kHz			10	%
buzz, rattle, etc.	must be normal at sine wave, 250 Hz~20 kHz			2.83	V
polarity	cone moves forward w/ positive dc current to “+” terminal				
dimensions	27 x 20 x 6.5				mm
magnet	Nd-Fe-B				
frame material	ABS (black)				
cone material	cloth				
terminal	solder eyelets				
weight			4.5		g
operating temperature		-20		60	°C
storage temperature		-20		60	°C
hand soldering	for 3-5 seconds	370	380	390	°C
RoHS	yes				

Notes: 1. All specifications measured at 15~35°C, humidity at 45~85%, under 86~106 kPa pressure, unless otherwise noted.

MECHANICAL DRAWING

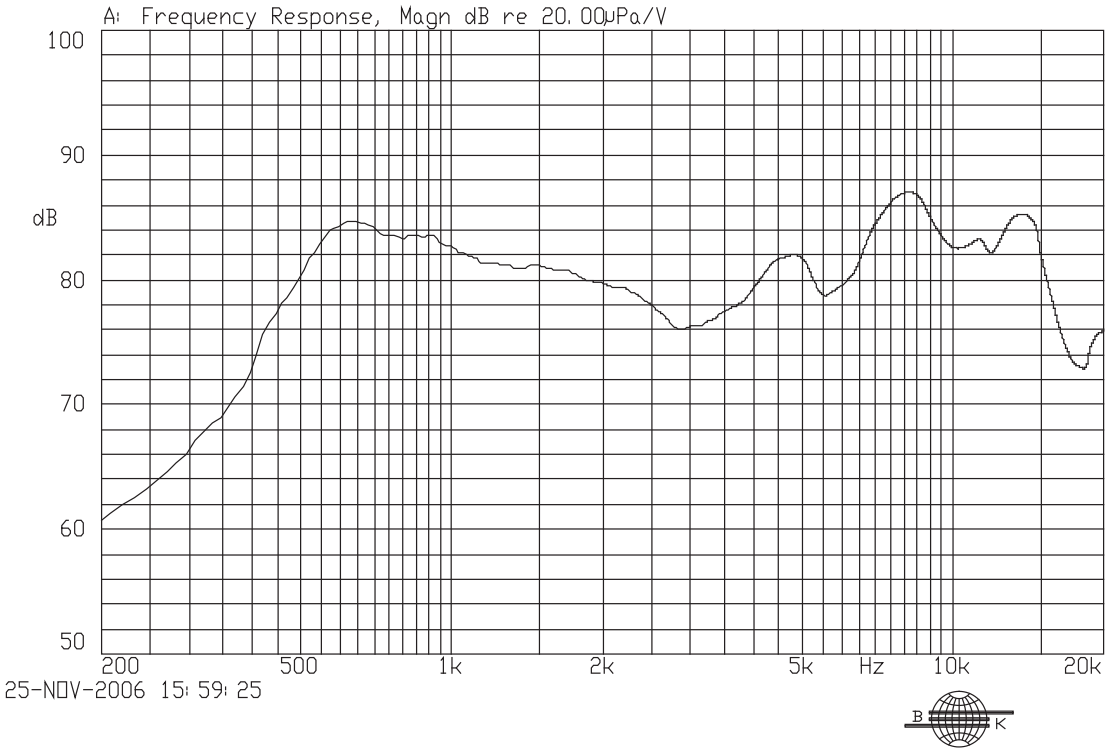
units: mm
tolerance: ±0.5 mm



RESPONSE CURVES

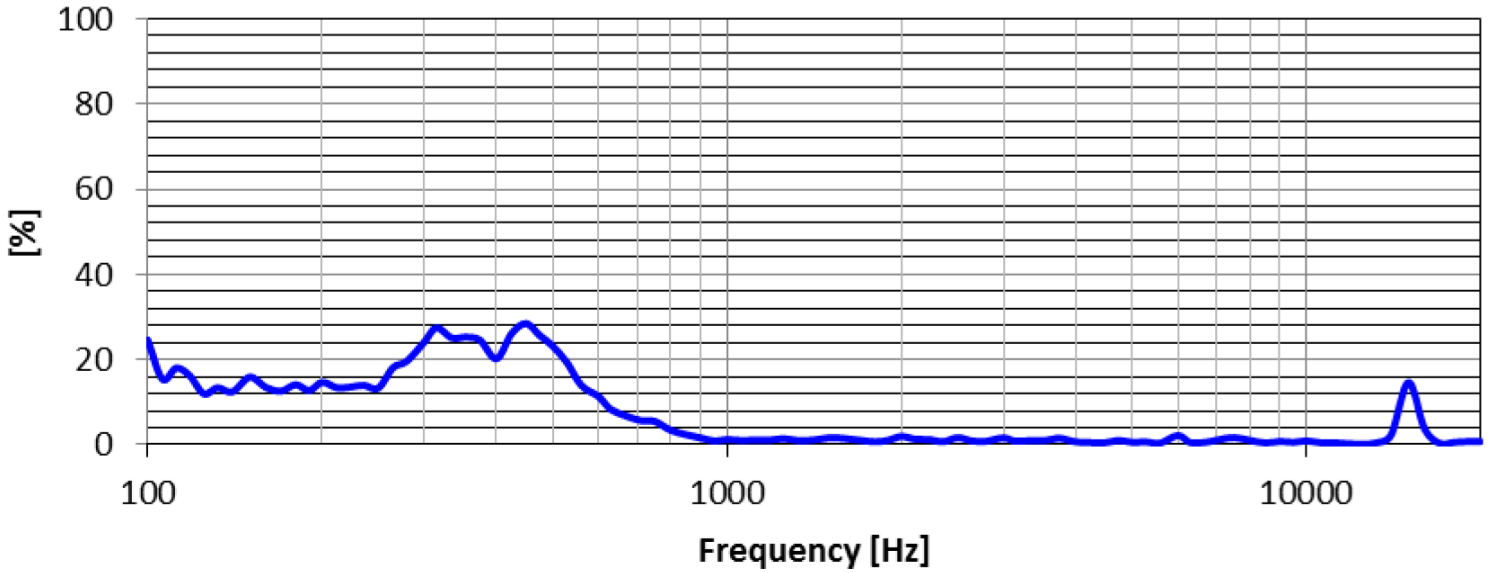
Frequency Response Curve

Test Conditions: 1.0W/ 0.5 m



Total Harmonic Distortion Curve

Test Conditions: 1.0W/ 0.5 m



REVISION HISTORY

rev.	description	date
1.0	initial release	12/07/2023
1.01	CUI Devices rebranded to Same Sky	09/11/2024

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