



MODEL: CMS-35207-28L260 | DESCRIPTION: SPEAKER

FEATURES

- 8 ohm
- rated 2.0 W
- lead wire



SPECIFICATIONS

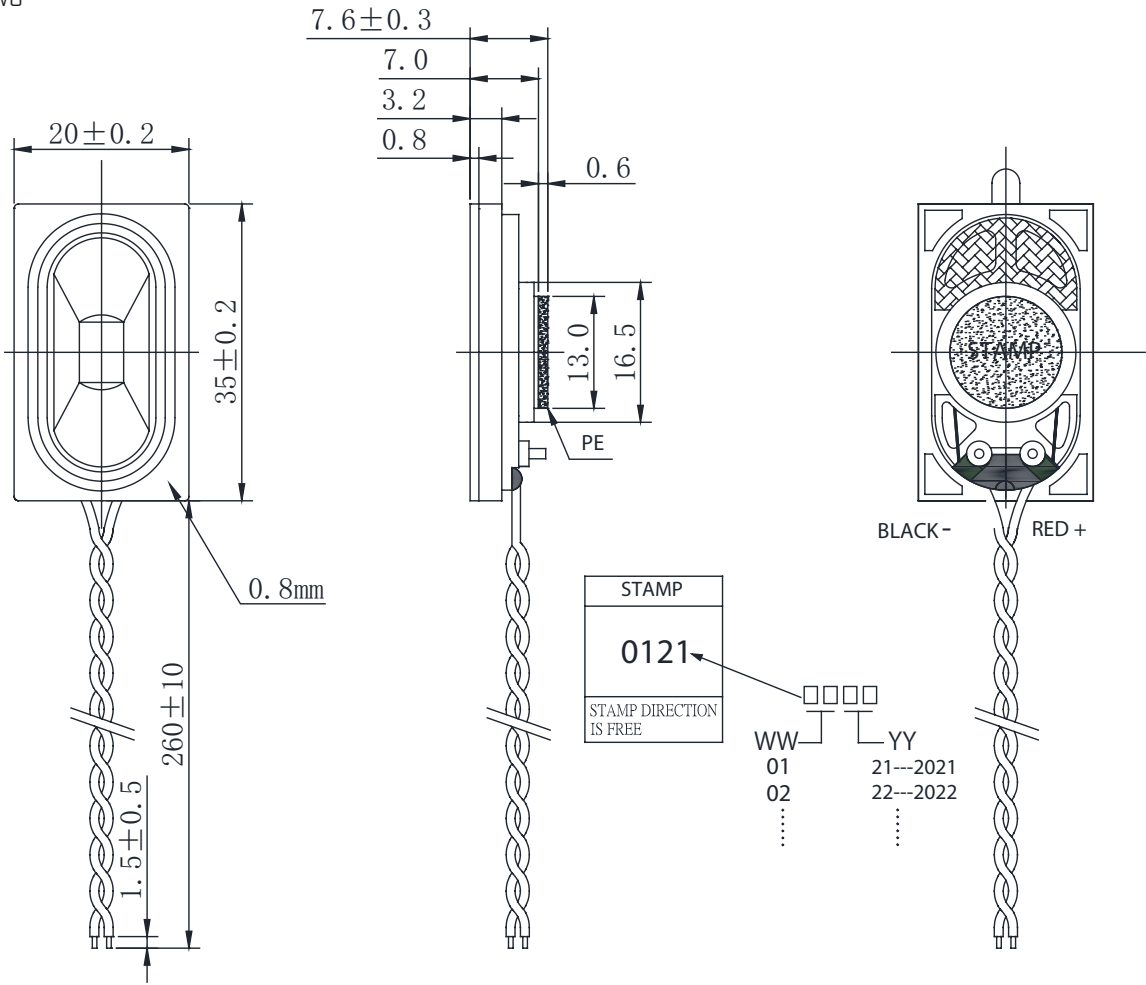
parameter	conditions/description	min	typ	max	units
input power	maximum power: IEC-60268-5 filter 60s on/120s off 10 cycles (room temp.)		2.0	2.5	W
impedance	at 2.0 kHz, 1.0 V	6.8	8.0	9.2	Ω
resonant frequency (Fo)	at 1.0 V	536	670	804	Hz
frequency response		Fo		10,000	Hz
sound pressure level	at 2.0 W, 10 cm at 0.8, 1.0, 1.2, 1.5 kHz	94.5	97.5	100.5	dB
distortion	at 1.0 kHz, rated power			10	%
buzz, rattle, etc.	must be normal at sine wave, from Fo to 10 kHz			4.0	V
polarity	cone moves forward w/ positive dc current to "+" terminal				
dimensions	35.0 x 20.0 x 7.6				mm
magnet	Nd-Fe-B				
frame material	PBT				
cone material	PU + PEI				
terminal	wire leads				
weight			5.5		g
operating temperature		-30		65	$^{\circ}\text{C}$
storage temperature		-40		80	$^{\circ}\text{C}$
hand soldering	for 1~3 seconds	360	370	380	$^{\circ}\text{C}$
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: ± 0.3 mm

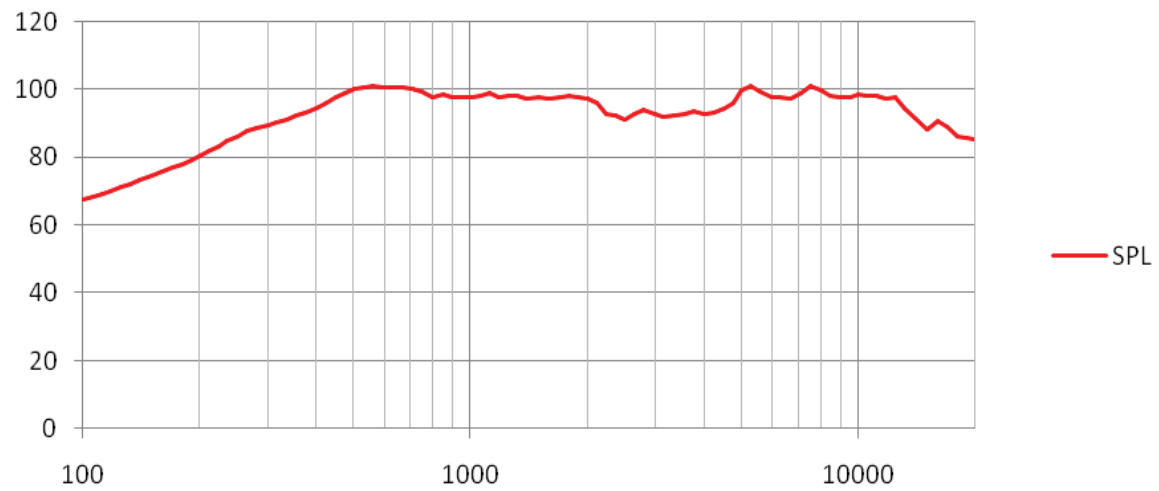
wire: UL1571 28 AWG



RESPONSE CURVES

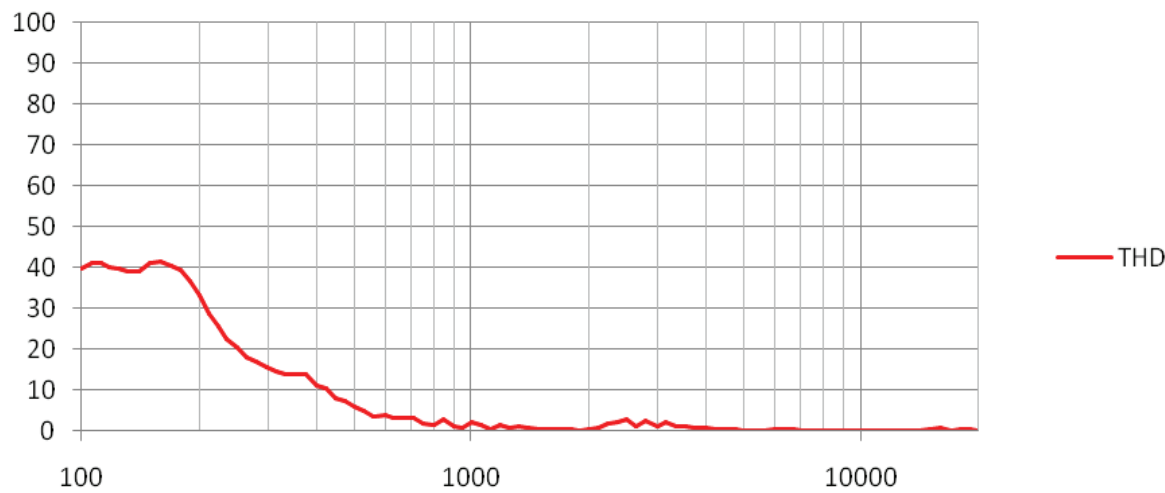
Frequency Response Curve

Test Conditions: 2.0 W/0.1 m



Total Harmonic Distortion Curve

Test Conditions: 2.0 W/0.1 m



THIELE-SMALL PARAMETERS

parameter	conditions/description	typ
Mechanical Q Factor	Qms	3.123
Electrical Q Factor	Qes	8.012
Total Q Factor	Qts	2.247
Compliance Equivalent Volume	Vas	0.0181

Notes: 2. Results represent typical performance in Free Air conditions.

REVISION HISTORY

rev.	description	date
1.0	initial release	06/14/2024
1.01	CUI Devices rebranded to Same Sky	09/11/2024
1.02	added Thiele-Small Parameters	02/26/2025

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



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