

**MODEL:** CES-603318-24PM | **DESCRIPTION:** SPEAKER**FEATURES**

- cloth gasket
- 2 mounting flanges
- 65 mm lead wire
- connector

**SPECIFICATIONS**

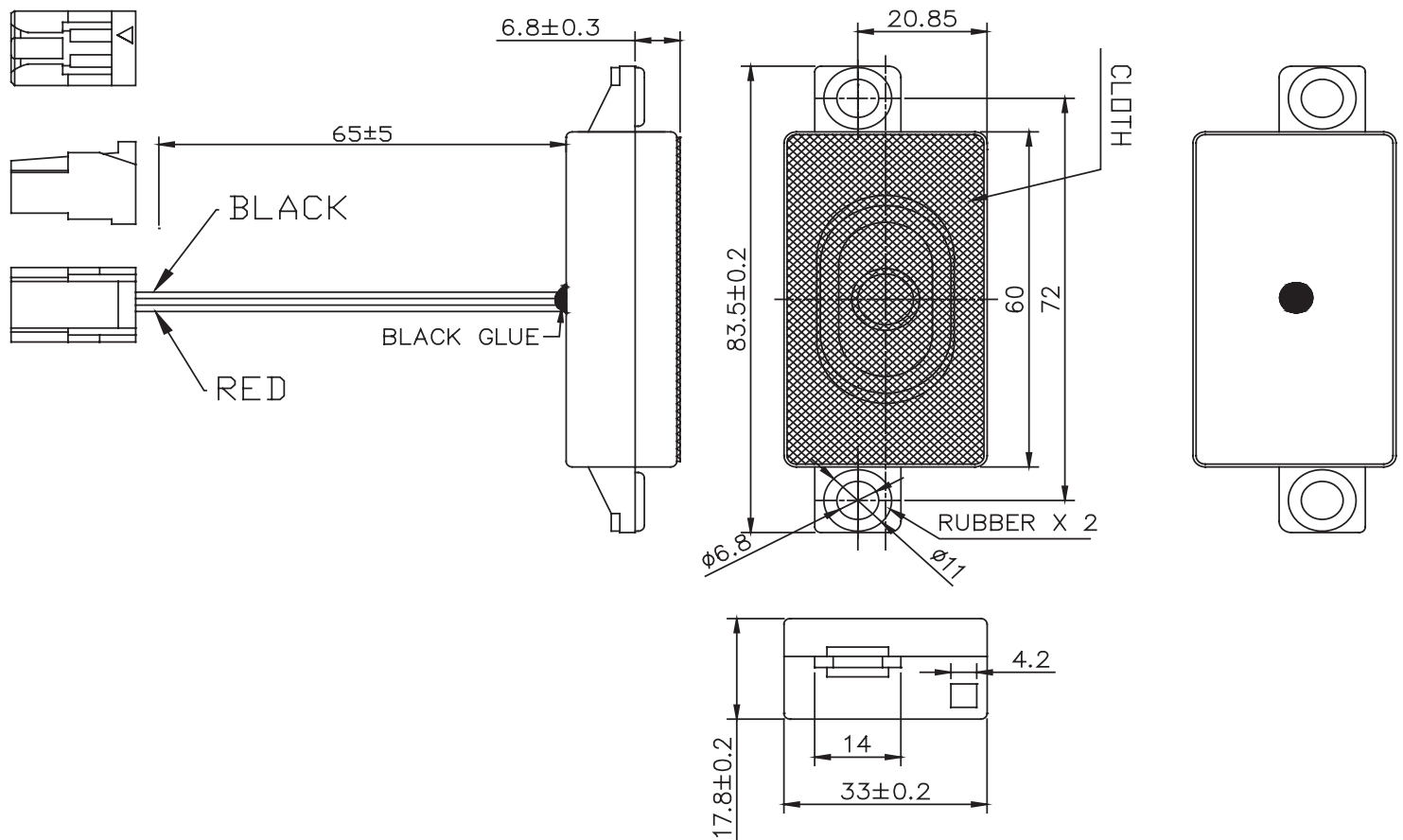
parameter	conditions/description	min	typ	max	units
input power	max power: 1 minute on, 2 minutes off, 10 cycles		2.0	4.0	W
impedance	at 1.0 kHz, 1.0 Vrms	3.4	4	4.6	Ω
resonant frequency (Fo)	at 1.0 Vrms, 10 cm	640	800	960	Hz
frequency response	as per IEC 268-5	200		20,000	Hz
sound pressure level	at 2.0 W, 10 cm, avg at 1.0, 1.2, 1.5, 1.8 kHz	101	104	107	dB
distortion	at 1.0 kHz, 1.0 Vrms, 10 cm			5	%
buzz, rattle, etc.	must be normal at sine wave, frequency range			2.83	V
polarity	cone moves forward w/ positive dc current to "+" terminal				
dimensions	60 x 33.0 x 17.8				mm
magnet	Nd-Fe-B				
enclosure material	ABS				
cone material	Cloth				
terminal	wire leads w/ connector				
weight			27		g
operating temperature		-20		60	°C
storage temperature		-30		70	°C
RoHS	yes				
IP level	IP66 (front side)				

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: ± 0.5 mm

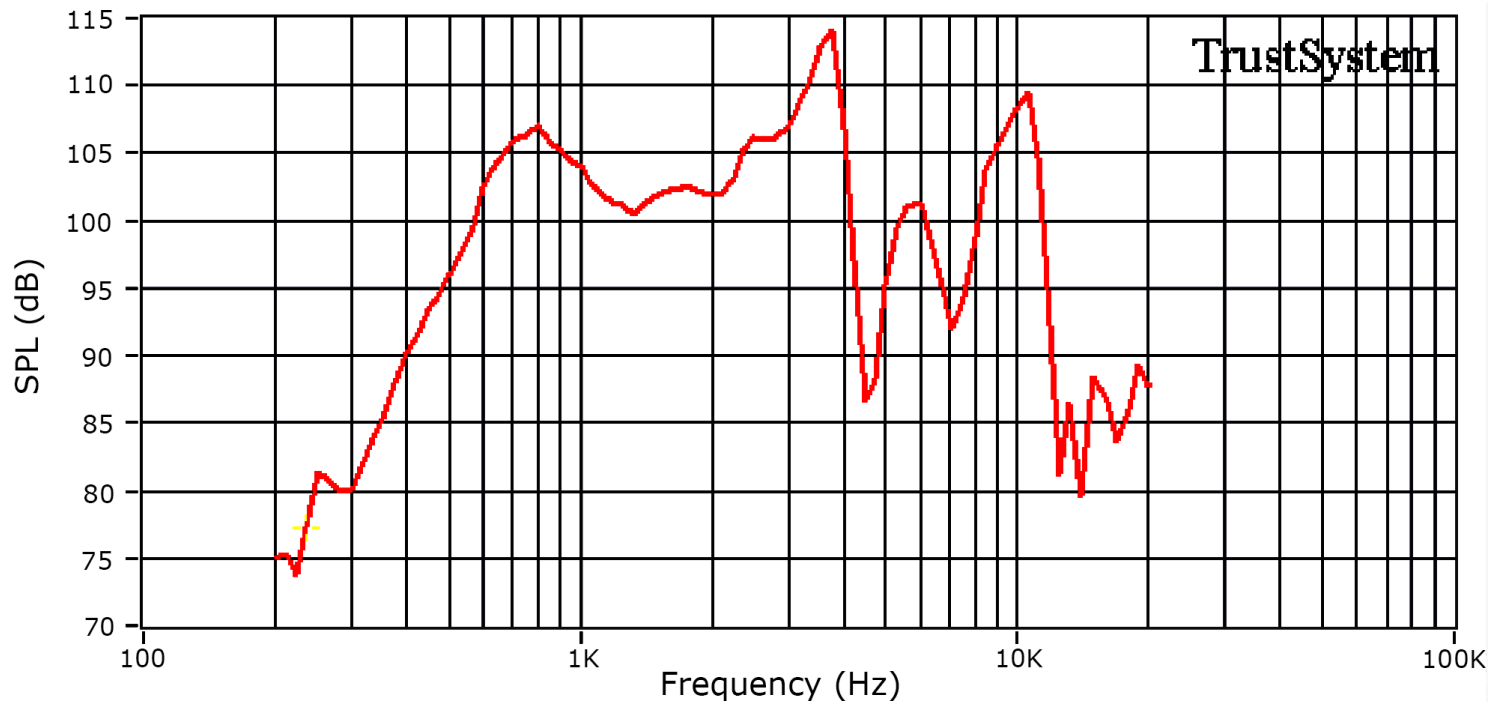
wire: UL1571 28 AWG
internal speaker: CMS-402811-28SP
connector: JST GHR-02V-S-B



RESPONSE CURVES

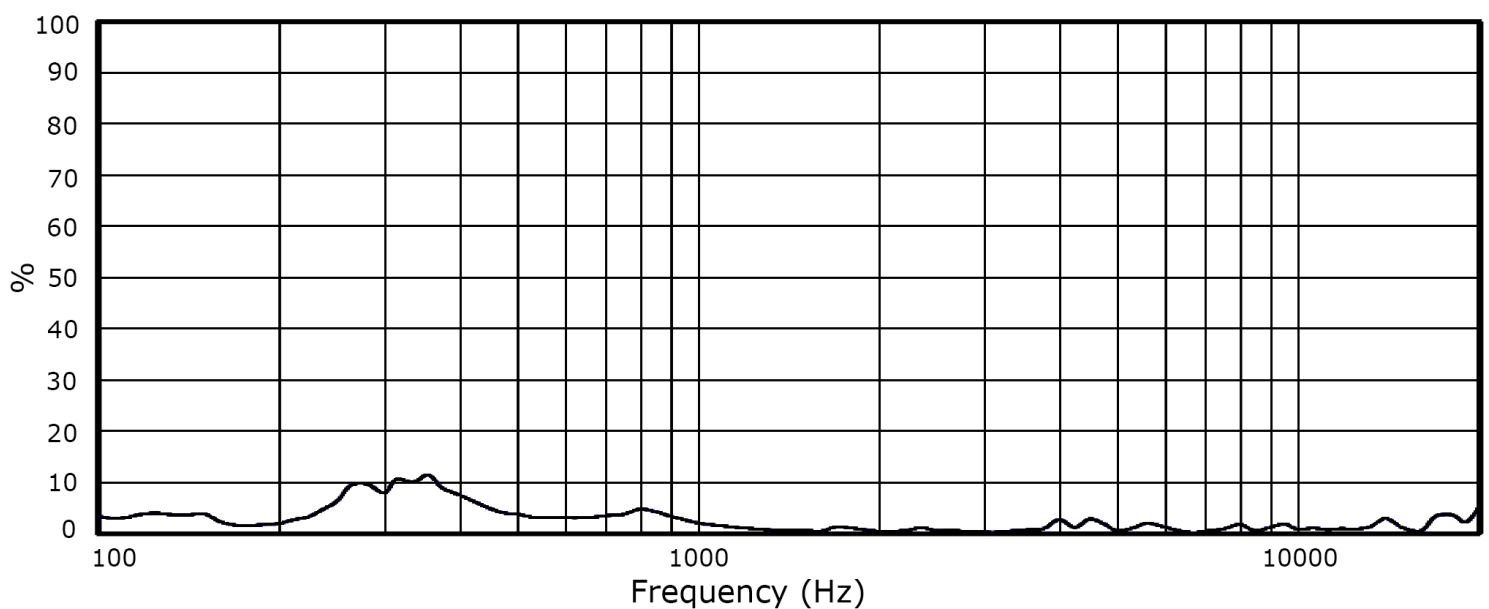
Frequency Response Curve

Test Conditions: 2.83 Vrms / 10 cm



Total Harmonic Distortion Curve

Test Conditions: 2.83 Vrms / 10 cm



REVISION HISTORY

rev.	description	date
1.0	initial release	11/05/2019
1.01	added internal speaker details	03/12/2020
1.02	updated datasheet	04/06/2022
1.03	logo, datasheet style update	08/05/2022
1.04	CUI Devices rebranded to Same Sky	09/11/2024
1.05	updated datasheet	03/19/2025

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.

Same Sky reserves the right to make changes to the product at any time without notice. Information provided by Same Sky is believed to be accurate and reliable. However, no responsibility is assumed by Same Sky for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

sameskydevices.com