CUI Devices is now Same Sky! Learn More

same sky

MODEL: CSS-10246-304 | DESCRIPTION: SPEAKER

FEATURES

- 10 W rated power
- 4 ohm rated impedance
- 88 dB at 1 W



RoHS

SPECIFICATIONS

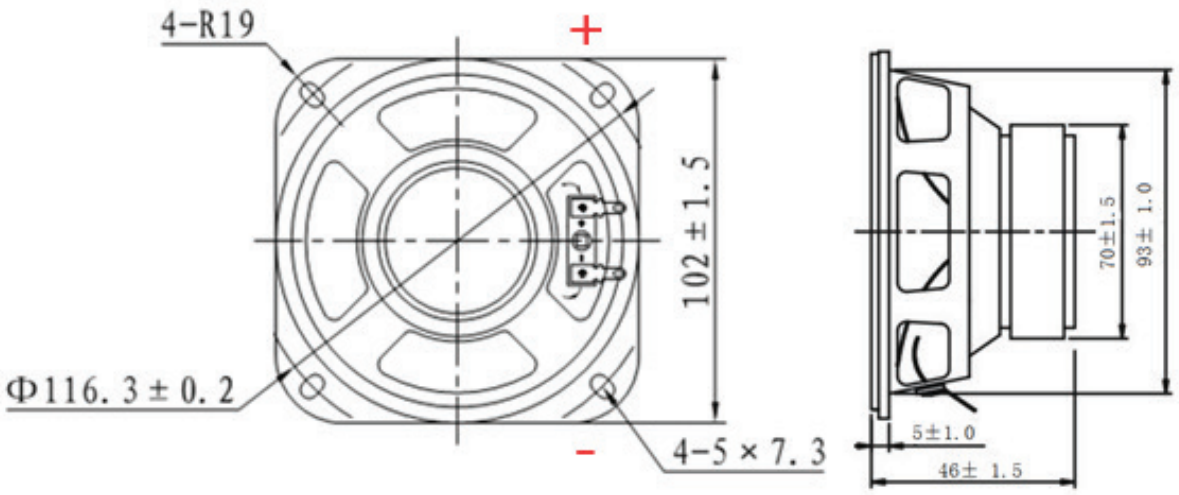
parameter	conditions/description	min	typ	max	units
input power			10.0	15.0	W
impedance	at 1.0 kHz, 1.0 V	3.4	4	4.6	Ω
resonant frequency (Fo)	at 1.0 V	88	110	132	Hz
frequency response		Fo		20,000	Hz
sound pressure level	at 1.0 W, 50 cm, avg at 0.4, 0.6, 0.8, 1.0 kHz in baffleboard	85	88	91	dB
	at 10.0 W, 50 cm, avg at 0.4, 0.6, 0.8, 1.0 kHz in baffle-board	94	97	100	dB
distortion	at 1.0 kHz, 1 W			8	%
buzz, rattle, etc.	must be normal at sine wave, frequency range between Fo~2 kHz			6.32	V
polarity	cone moves forward w/ positive dc current to "+" terminal				
dimensions	102 x 102 x 46				mm
magnet	ferrite				
frame material	SPCC				
cone material	PU+paper				
terminal	solder terminals				
weight		288	320	352	g
operating temperature		-20		60	°C
storage temperature		-25		70	°C
hand soldering	for maximum 3 seconds			380	°C
RoHS	yes				

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

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MECHANICAL DRAWING

units: mm
tolerance: ±0.3 mm

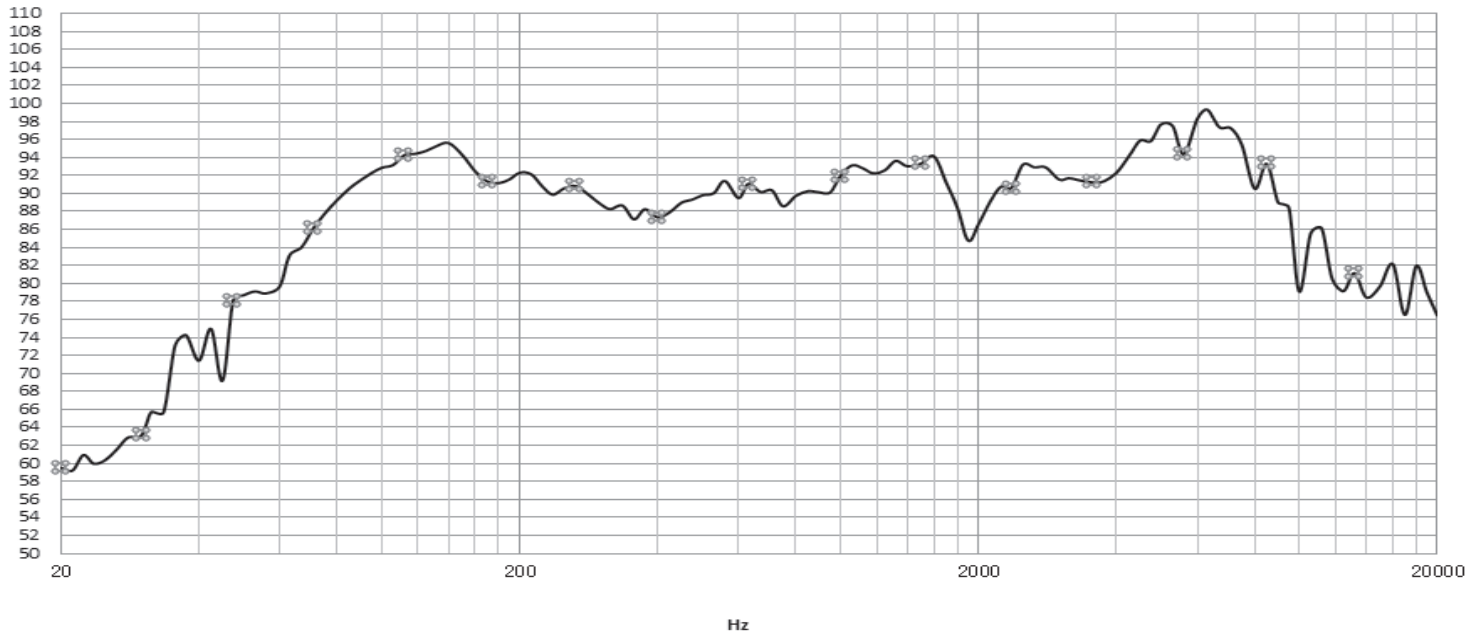


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RESPONSE CURVES

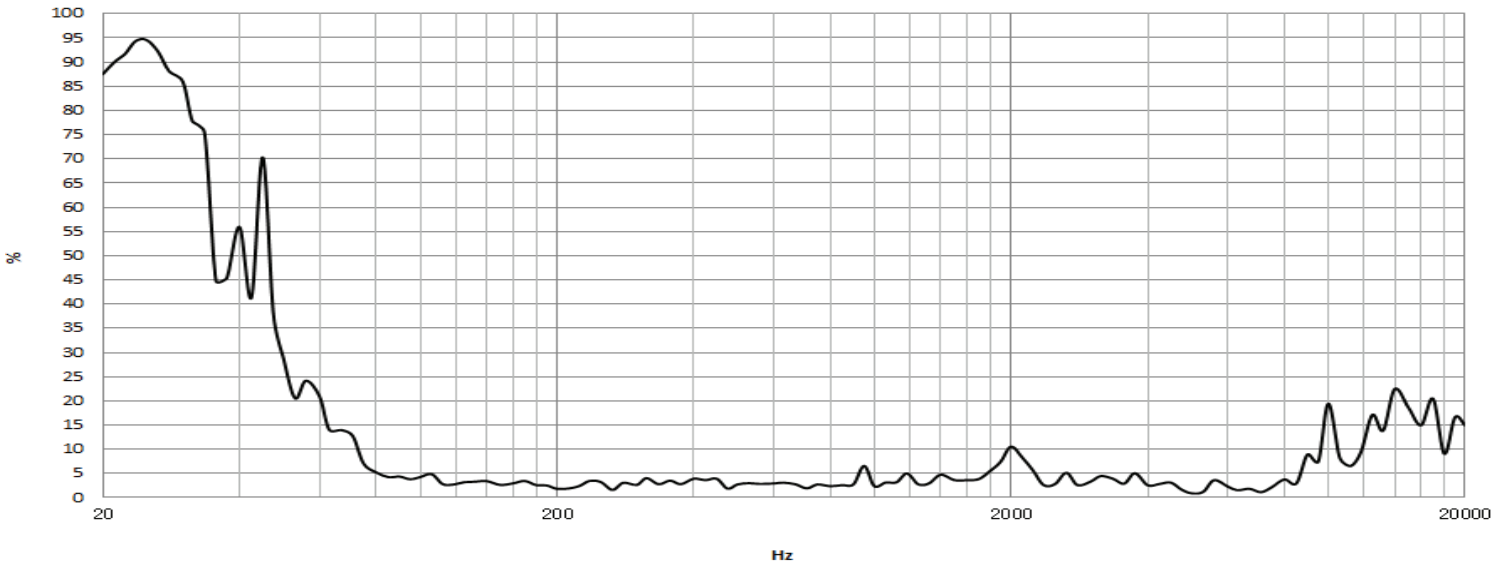
Frequency Response Curve

Test Conditions: 1.0 W / 50 cm



Total Harmonic Distortion Curve

Test Conditions: 1.0 W / 50 cm



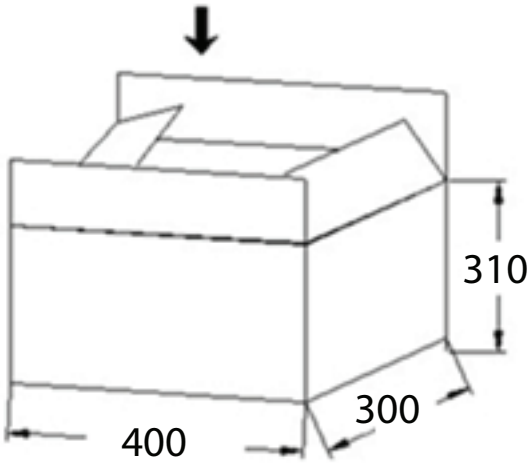
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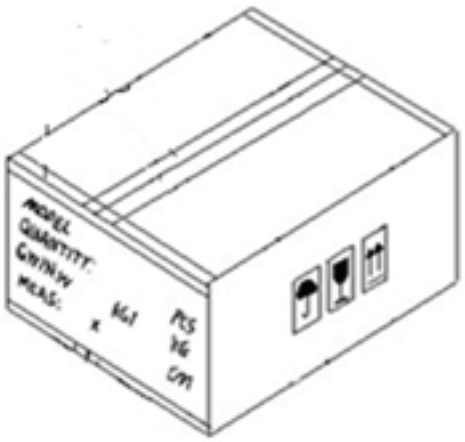
PACKAGING

units: mm

Carton Size: 400 x 300 x 310 mm
Carton QTY: 45 pcs per carton







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REVISION HISTORY

rev.	description	date
1.0	initial release	07/16/2020
1.01	logo, datasheet style update	08/05/2022
1.02	CUI Devices rebranded to Same Sky	09/11/2024

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.

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