CUI Devices is now Same Sky! Learn More

MODEL: CMS-301103-154SP | DESCRIPTION: SPEAKER

FEATURES

- low profile
- 1.5 W
- solder pads



RoHS

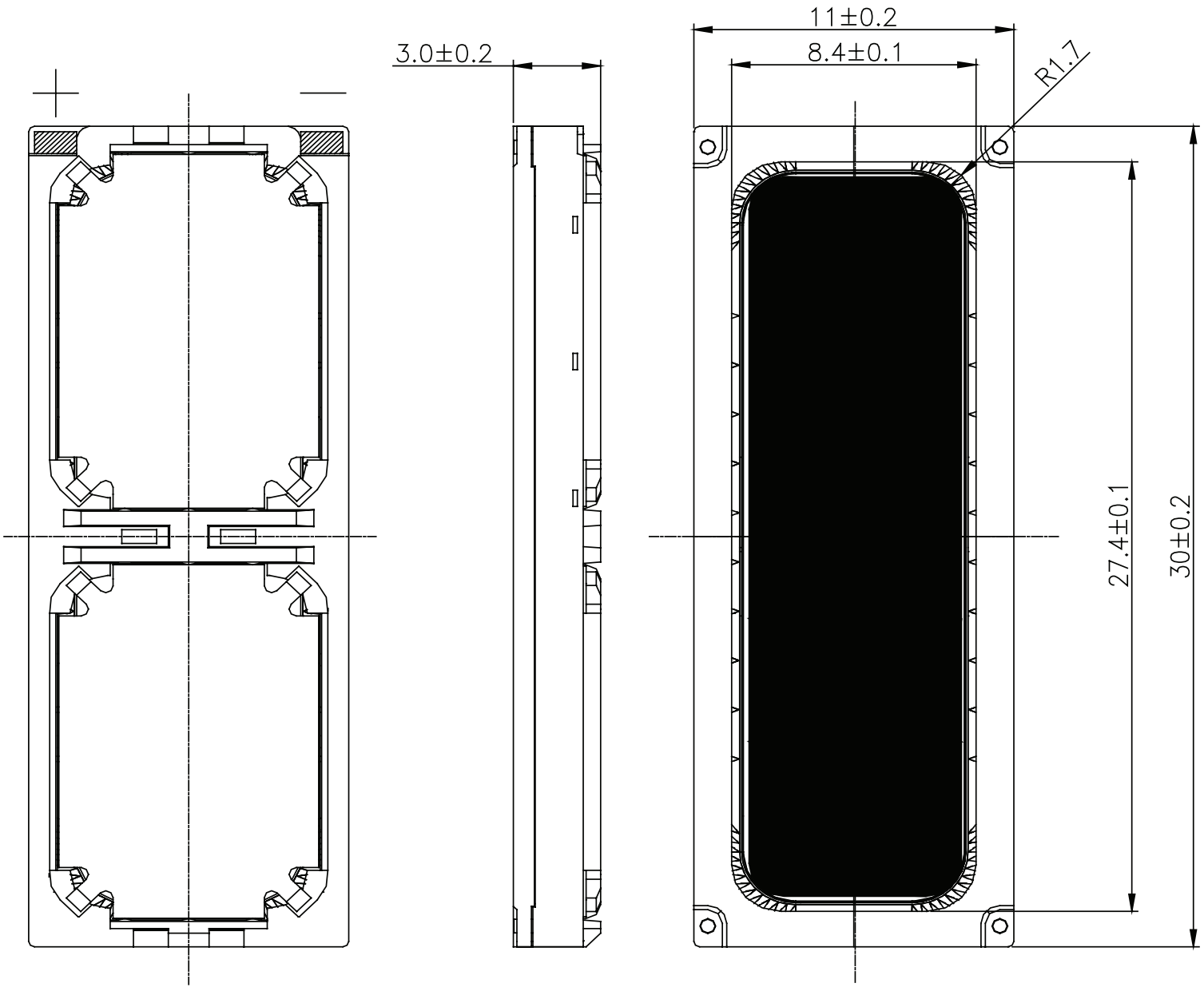
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
input power	max power: 1 minute on, 2 minutes off, 10 cycles		1.5	2.0	W
impedance	at 2.0 kHz, 2.45 Vrms in 2 cc box	3.4	4	4.6	Ω
resonant frequency (Fo)	at 2.45 Vrms in 2 cc box	680	850	1,020	Hz
frequency response		500		20,000	Hz
sound pressure level	at 1.5 W, 10 cm, 2.0 kHz in 2 cc box	92	95	98	dB
distortion	at 1.0 kHz, 1 W, 10 cm in 2 cc box			10	%
buzz, rattle, etc.	must be normal at sine wave between 200 Hz ~ 2 kHz			2.45	V
polarity	cone moves forward w/ positive dc current to “+” terminal				
dimensions	30 x 11 x 3				mm
magnet	Nd-Fe-B				
frame material	PPA				
cone material	PEEK (black)				
terminal	solder pads				
weight			3.1		g
operating temperature		-20		70	°C
storage temperature		-40		85	°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

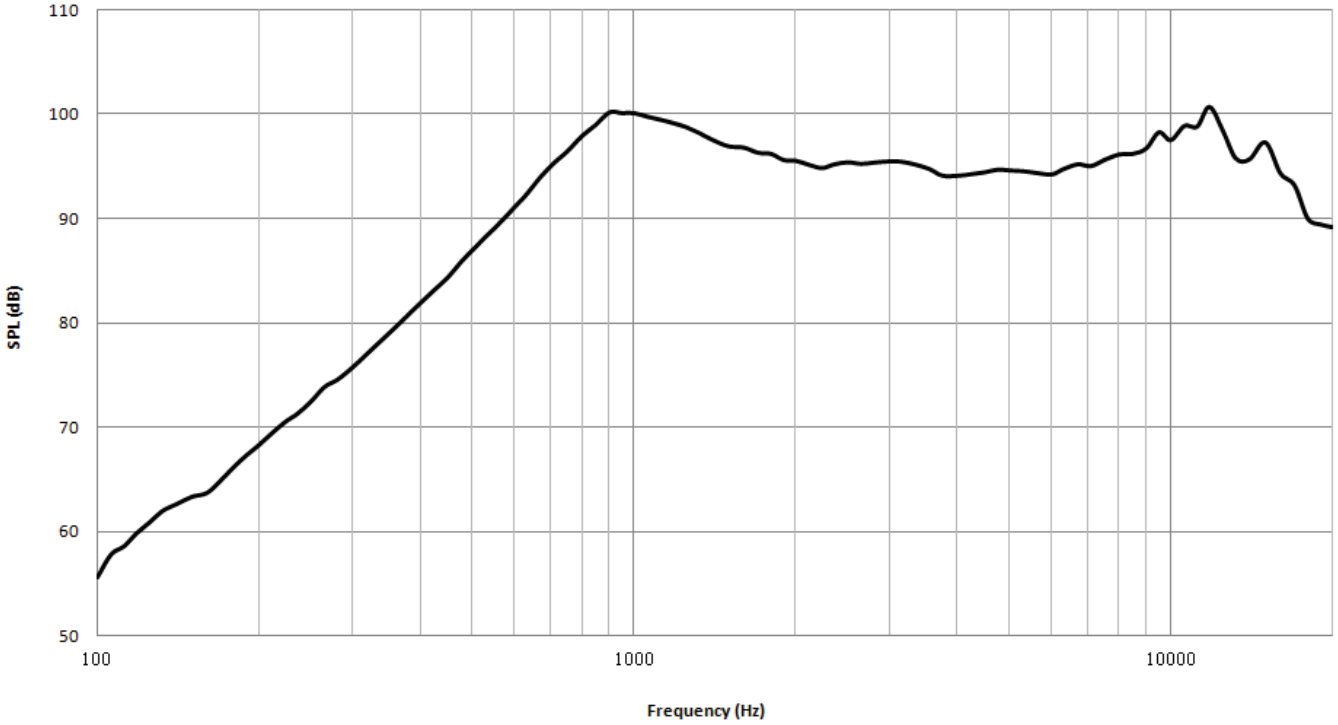
units: mm
tolerance: ±0.2 mm



RESPONSE CURVES

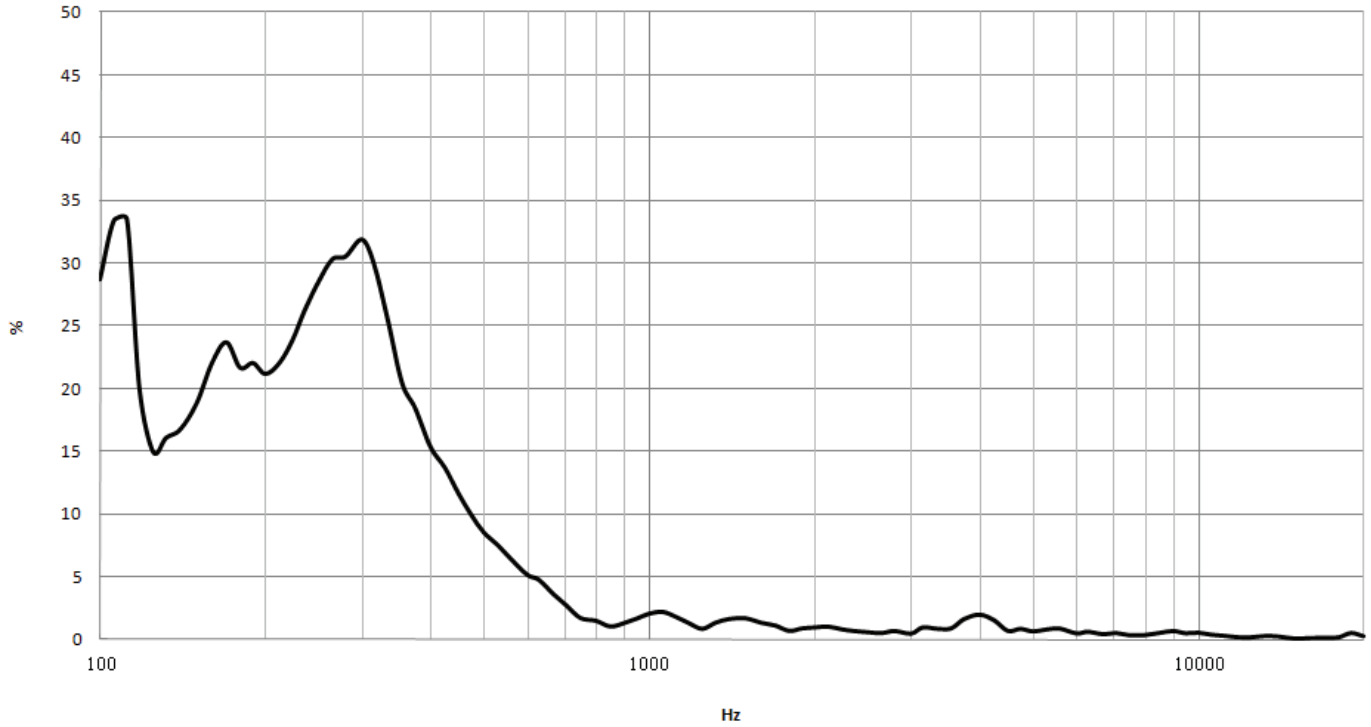
Frequency Response Curve

Test Conditions: 1.0 W / 10 cm (in 2 cc box)



Total Harmonic Distortion Curve

Test Conditions: 1.0 W / 10 cm (in 2 cc box)



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.

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.

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

Same Sky:

CMP-5247TF-K CPT-1117-83-SMT-TR HSE-B20350-NP PJ-067B CBT-09427-SMT-TR
CFM-A238BF-270-651 CFM-6015V-239-292-20 DS04-254-2-02BK-SMT PJ-202AH SJ1-3535N
UJ32-C-H-G-L1-MSMT-TR CDM1222-12A-FW-F16-050-67 CMI-9653S-SMT-TR DS01C-254-S-03BE
SJ-2523-SMT-TR CFM-2507CF-0140-313 CMM-2718AT-42316-TR CPM-2H SJ-43516-SMT-TR-PI
CMA-4544PF-W TBP01R1-508-14BE TBP02P1-381-10BE CFM-2510B-0130-275 PJ-058AH
TB007-508-02BE TBL004V-508-02BE-2GY CMC-5042PF-AC CPI-1375IC-80T PJ-047BH PR4-5V-450-1A