CUI Devices is now Same Sky! Learn More

MODEL: CES-302611-158PM-67 | DESCRIPTION: SPEAKER

FEATURES

- IP67 rated
- 8 ohm rated impedance
- 1.5 W rated power



SPECIFICATIONS

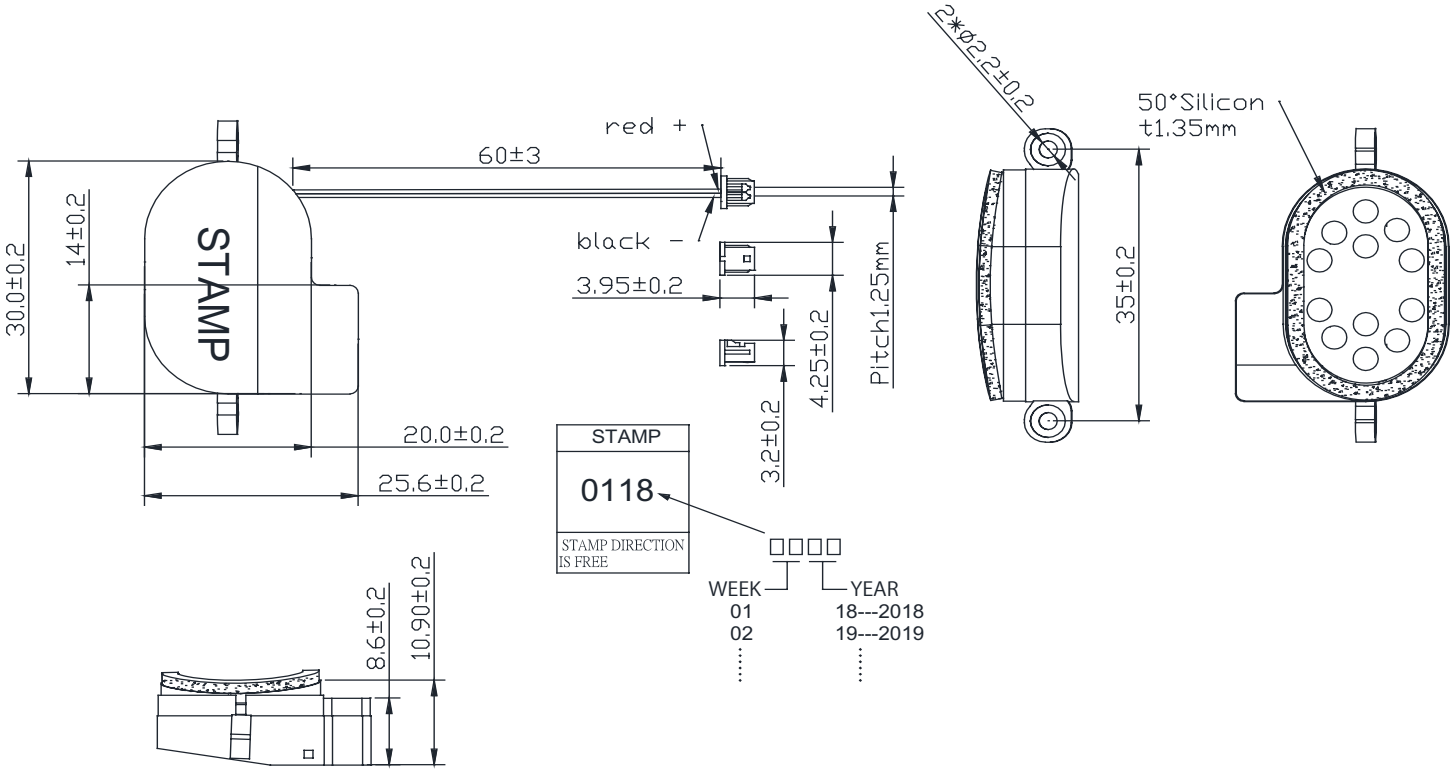
parameter	conditions/description	min	typ	max	units
input power	max power: IEC-60268-5, filter 50 seconds on, 120 seconds off, 10 cycles (room temp)		1.5	1.8	W
impedance	at 2.0 kHz, 1.0 V	6.8	8	9.2	Ω
resonant frequency (Fo)	at 1.0 V	720	900	1,080	Hz
frequency response		Fo		15,000	Hz
sound pressure level	at 1.5 W, 10 cm, avg at 2.0 kHz	92	95	98	dB
distortion	at 1.0 kHz, rated power, 10 cm			10	%
buzz, rattle, etc.	must be normal at sine wave, frequency range			3.46	V
polarity	cone moves forward w/ positive dc current to “+” terminal				
dimensions	30.0 x 25.6 x 10.9				mm
magnet	Nd-Fe-B				
enclosure material	ABS				
cone material	PU+PEI				
terminal	wire leads with connector				
weight			5.7		g
operating temperature		-20		60	°C
storage temperature		-30		70	°C
RoHS	yes				
IP level	IP67 (front side)				

Notes: 1. All specifications measured at 25~75°C, humidity at 45~85%, under 86~106 kPa pressure, unless otherwise noted.

MECHANICAL DRAWING

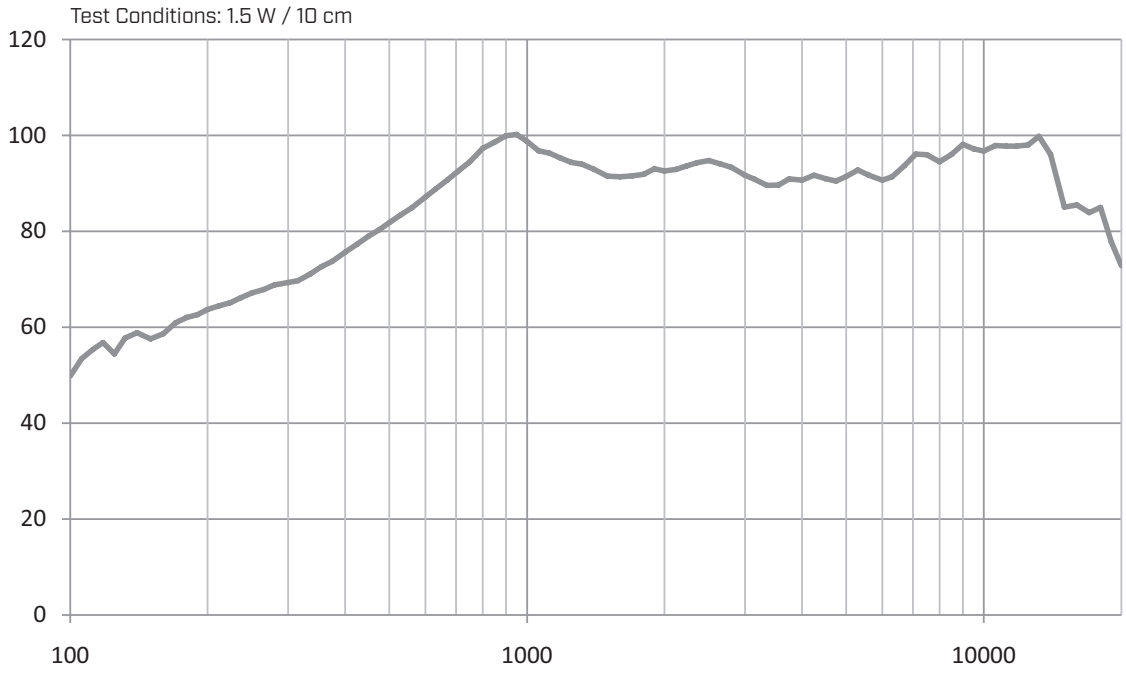
units: mm
tolerance: ±0.2 mm

wire: UL3302 30 AWG
connector: Molex 51021-0200 or equivalent; P=1.25



RESPONSE CURVES

Frequency Response Curve



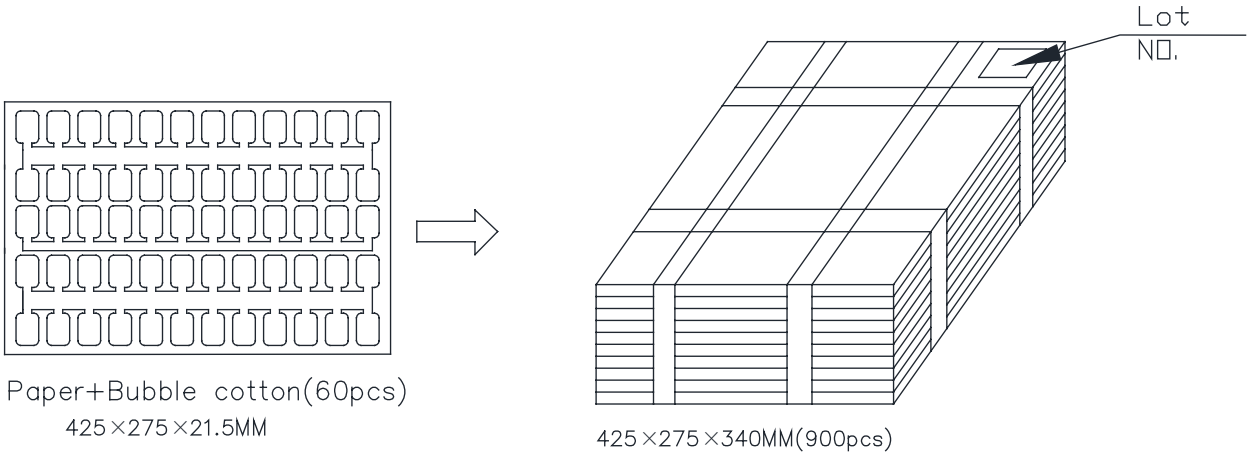
Total Harmonic Distortion Curve

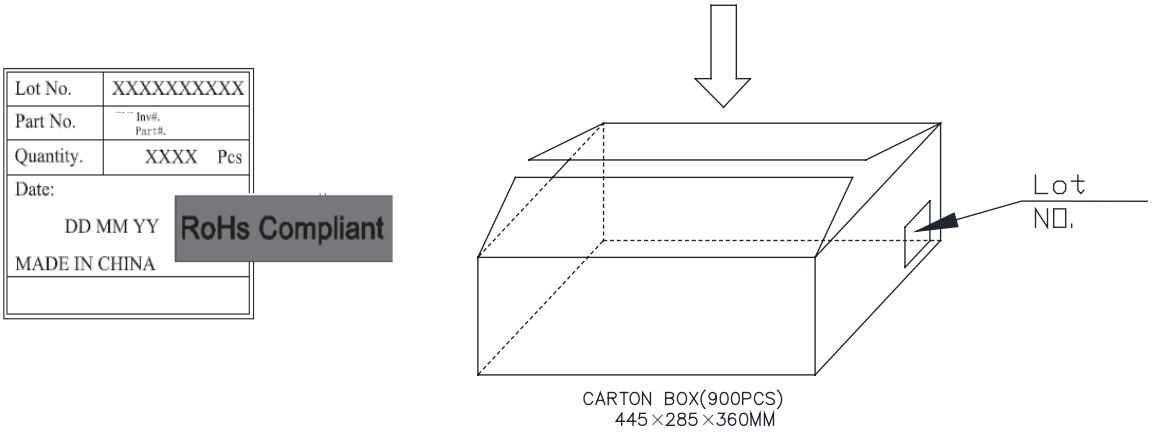


PACKAGING

units: mm

Tray Size: 425 x 275 x 21.5 mm
Tray QTY: 60 pcs per tray
Carton Size: 445 x 285 x 360 mm
Carton QTY: 900 pcs per carton





REVISION HISTORY

rev.	description	date
1.0	initial release	06/08/2020
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.