

MODEL: CES-271911-158PM | **DESCRIPTION:** SPEAKER**FEATURES**

- 1.5 W rated power
- 8 ohm rated impedance
- panel mount

**SPECIFICATIONS**

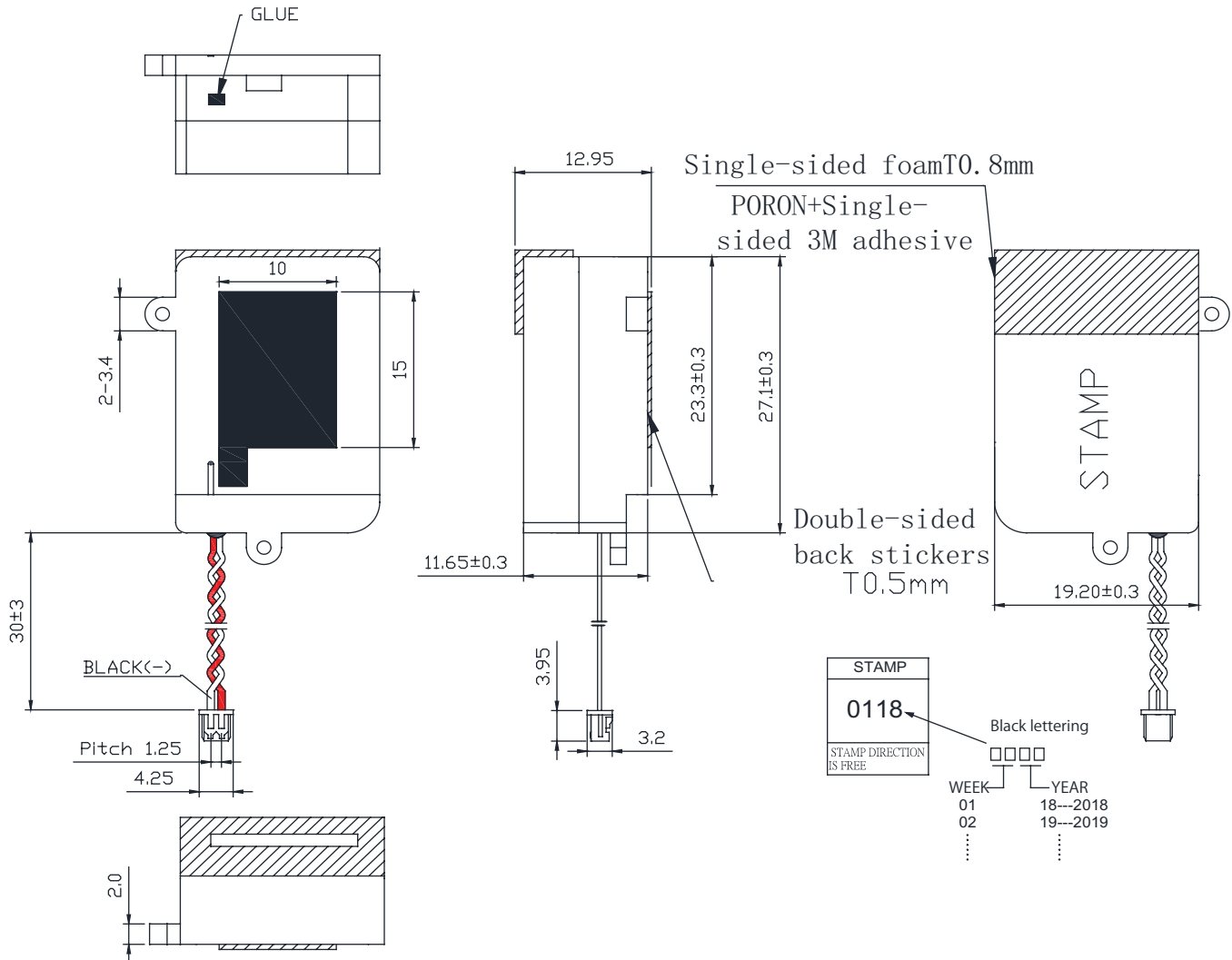
parameter	conditions/description	min	typ	max	units
input power	max power: IEC-60268-5, filter 60 seconds on, 120 seconds off, 10 cycles (room temp)		1.5	1.7	W
impedance	at 2.5 kHz, 1.0 V	6.8	8	9.2	Ω
resonant frequency (Fo)	at 1.0 V	600	750	900	Hz
frequency response		Fo		5,000	Hz
sound pressure level	at 1.5 W, 10 cm, avg at 1.0, 2.0, 2.5, 3.0 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	27.1 x 19.2 x 12.95				mm
magnet	Nd-Fe-B				
enclosure material	ABS				
cone material	foam				
terminal	wire leads with connector				
weight			4.6		g
operating temperature		-20		60	$^{\circ}$ C
storage temperature		-25		65	$^{\circ}$ C
RoHS	yes				

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

MECHANICAL DRAWING

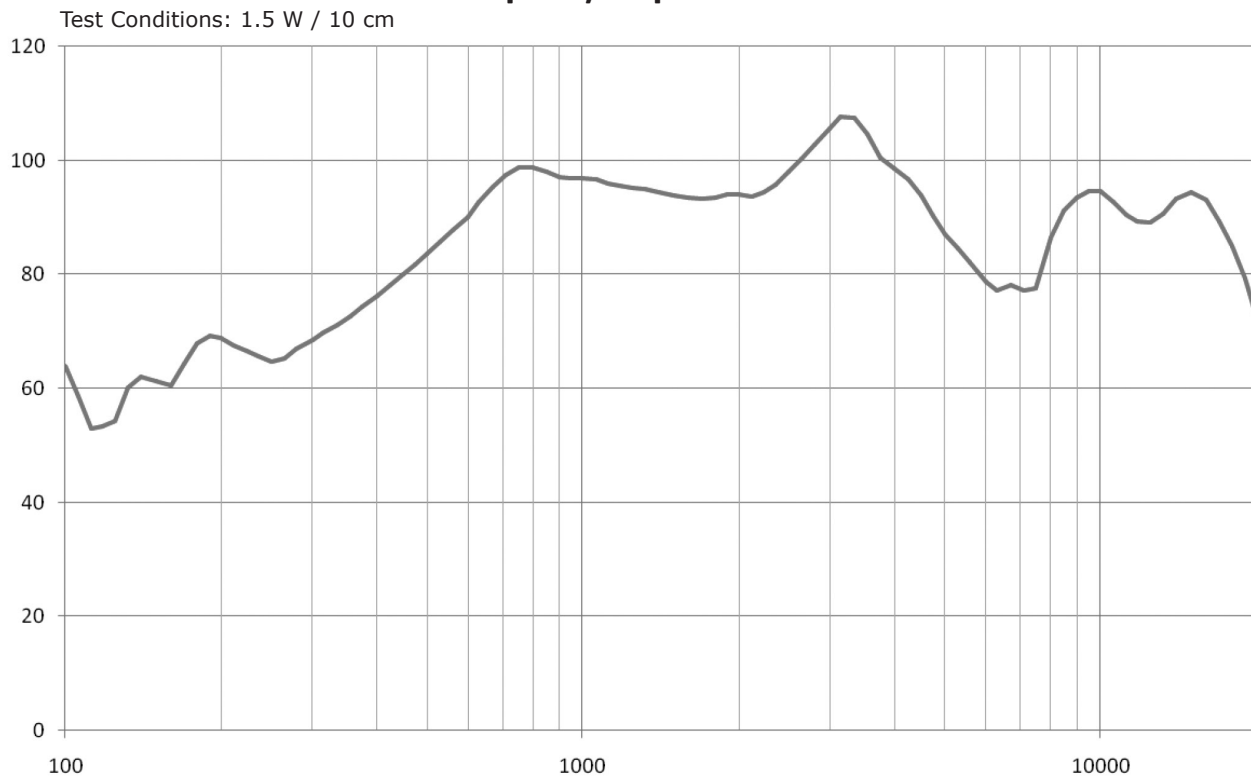
units: mm
tolerance: ± 0.3 mm

wire: UL1571 30 AWG
internal speaker: CMS-25145-158SP
connector: Molex 51021-0200 or equivalent; P=1.25

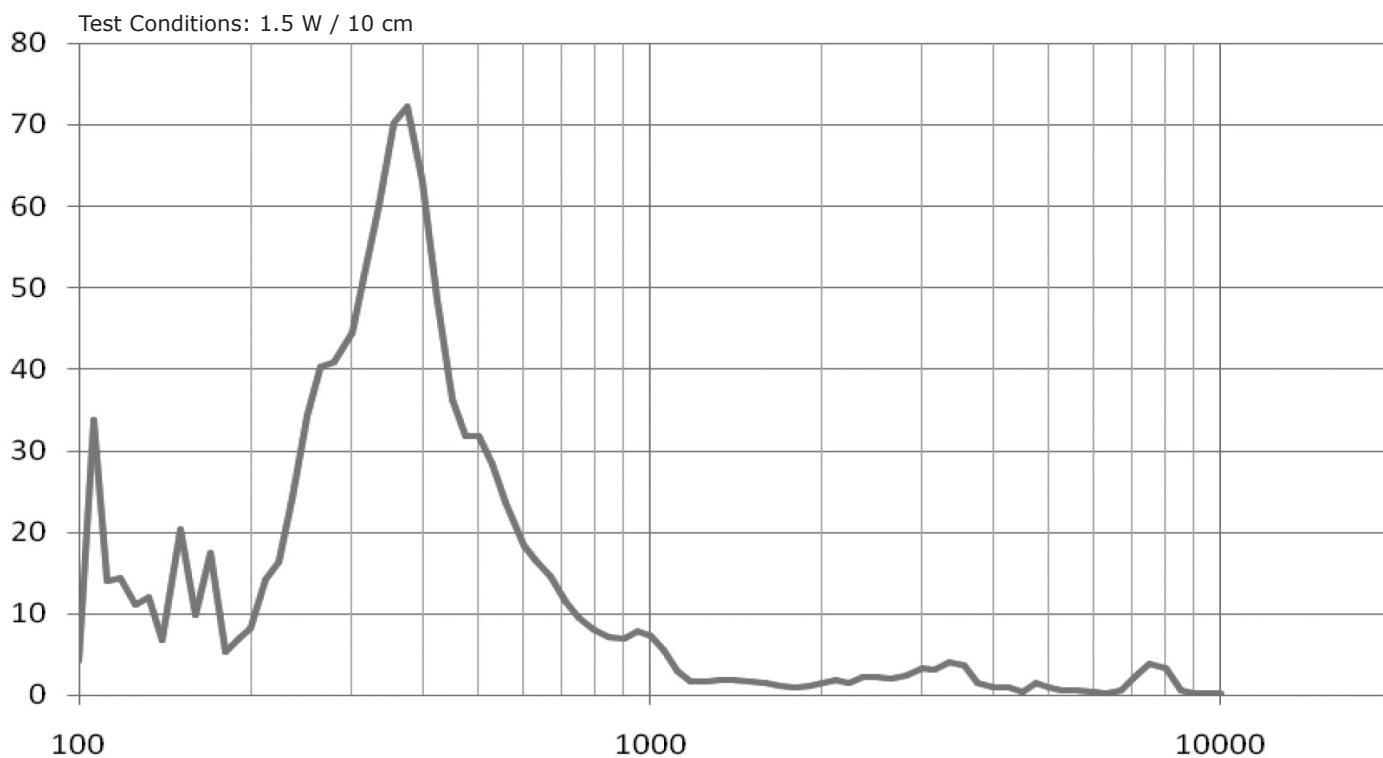


RESPONSE CURVES

Frequency Response Curve



Total Harmonic Distortion Curve



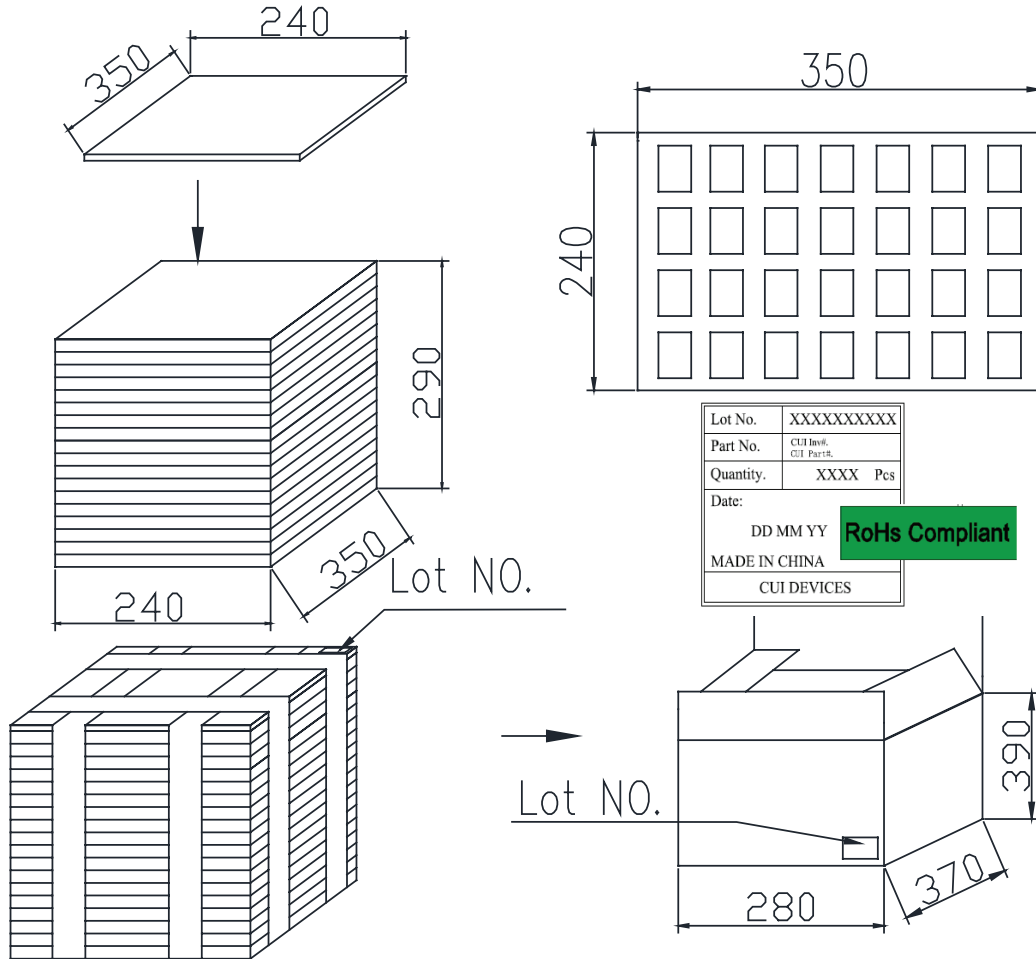
PACKAGING

units: mm

Tray Size: 350 x 240 mm
 Tray QTY: 28 pcs per tray
 Carton Size: 370 x 280 x 390 mm
 Carton QTY: 504 pcs per carton

$$28\text{PCS} \times 18 - 4 = 500\text{PCS}$$

TRAY 28PCS



REVISION HISTORY

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

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

CUI DEVICES

CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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

CUI Devices 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.