

MODEL: CMS-405-158N-67 | **DESCRIPTION:** SPEAKER**FEATURES**

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

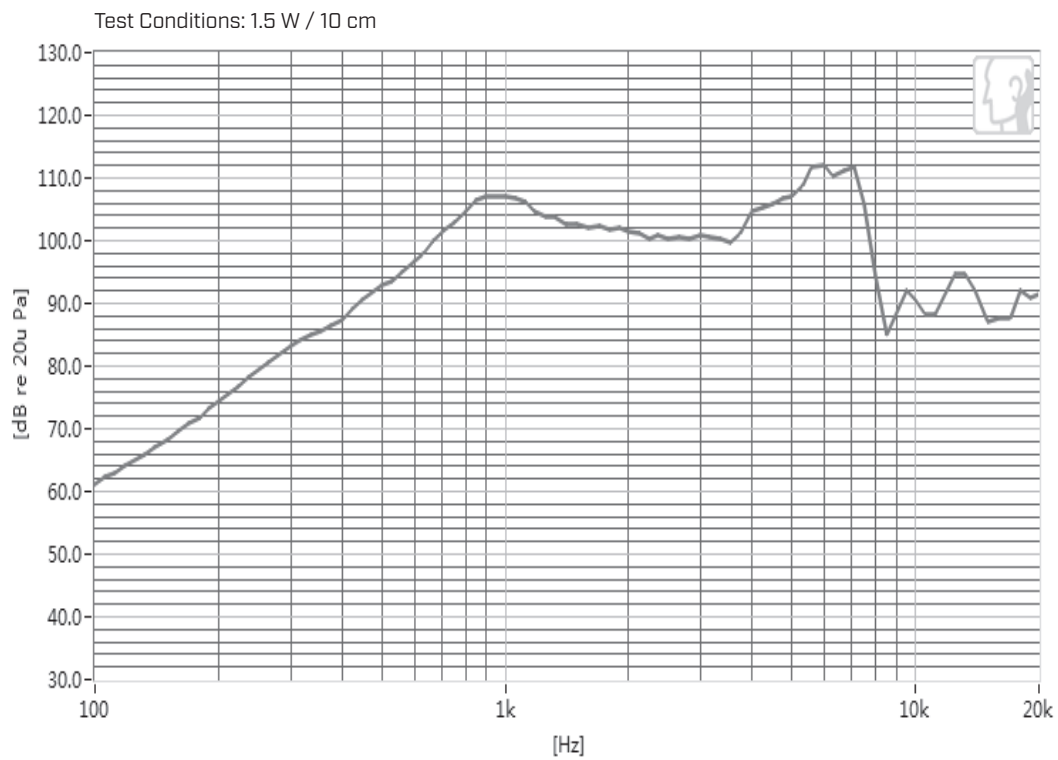
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
input power	IEC-60268-5, filter 60 seconds on, 120 seconds off, 10 cycles (room temp)		1.5	2.0	W
impedance	at 2.0 kHz, 1.0 V	6.8	8	9.2	Ω
resonant frequency (Fo)	at 1.0 V	680	850	1,020	Hz
frequency response		Fo		20,000	Hz
sound pressure level	at 1.5 W, 10 cm, avg at 2.0 kHz	100	103	106	dB
distortion	at 1.0 kHz, rated power, 10 cm			10	%
buzz, rattle, etc.	must be normal at sine wave, Fo~8 kHz			3.46	V
polarity	cone moves forward w/ positive dc current to "+" terminal				
dimensions	$\varnothing 40 \times 5.6$				mm
magnet	Nd-Fe-B				
frame material	SPCC				
cone material	PEN				
terminal	solder pads				
weight			8.5		g
operating temperature		-20		60	$^{\circ}\text{C}$
storage temperature		-30		70	$^{\circ}\text{C}$
hand soldering	for maximum 3 seconds	370	380	390	$^{\circ}\text{C}$
RoHS	yes				
IP level	IP67 (front side)				

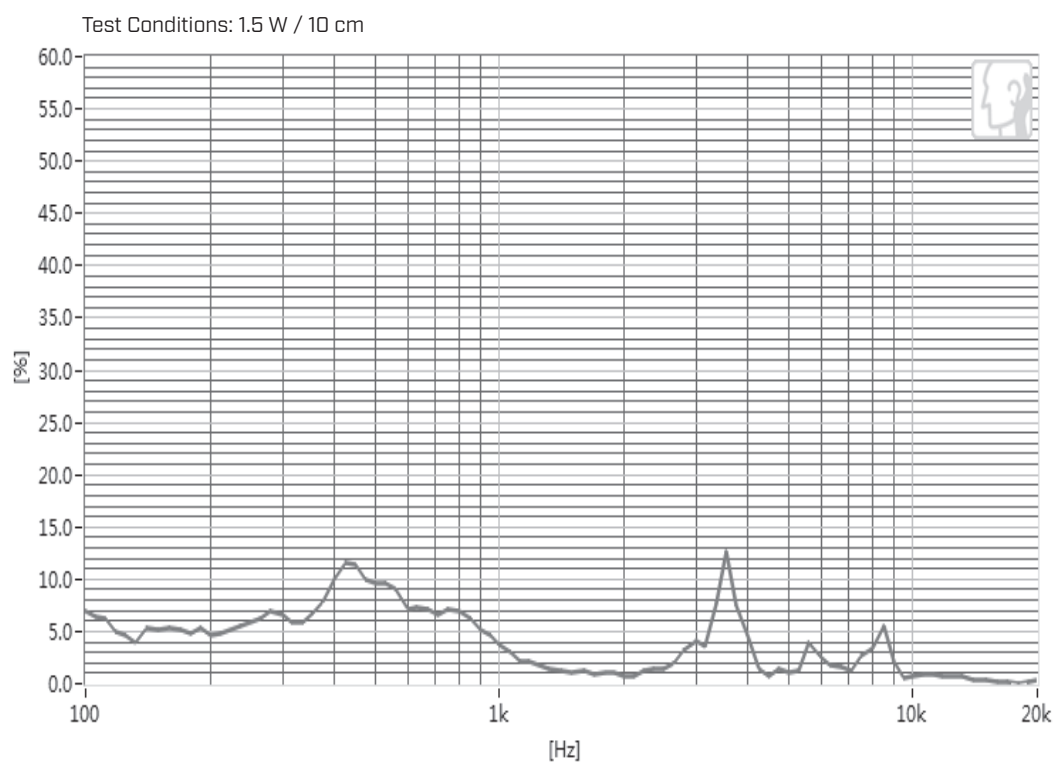
Notes: 1. All specifications measured at 5-35 $^{\circ}\text{C}$, humidity at 45-85%, under 86-106 kPa pressure, unless otherwise noted.

RESPONSE CURVES

Frequency Response Curve



Total Harmonic Distortion Curve



PACKAGING

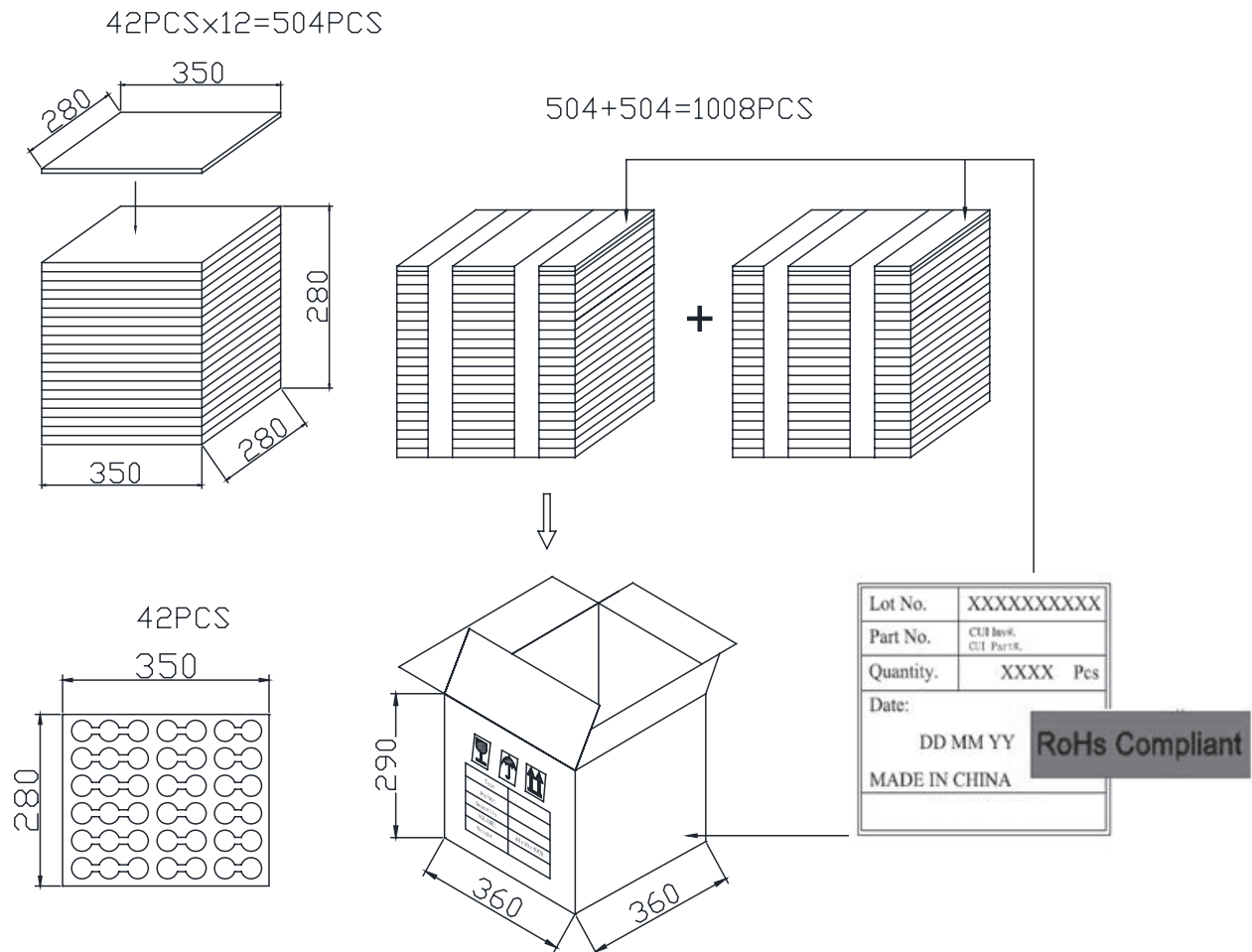
units: mm

Tray Size: 350 x 280 x 12 mm

Tray QTY: 42 pcs per tray

Carton Size: 360 x 360 x 290 mm

Carton QTY: 1,008 pcs per carton



REVISION HISTORY

rev.	description	date
1.0	initial release	06/08/2020
1.01	logo, datasheet style update	08/05/2022

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



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.

cuidevices.com