CUI DEVICES

MODEL: CMS-35208N | DESCRIPTION: SPEAKER

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FEATURES

- 98 dB SPL
- 720 Hz resonant frequency
- Nd-Fe-B magnet

RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
input power	maximum power: IEC-60268-5, filter 60s on/120s off, 10 cycles at room temp		1.0	1.5	W
impedance	at 1.0 kHz, 1.0 V	6.8	8	9.2	Ω
resonant frequency (Fo)	at 1.0 V	576	720	864	Hz
frequency response		Fo		2,500	Hz
sound pressure level	at 1.0 W, 0.1 m ave, at 1.0, 1.2, 1.5, 2.0 kHz	95	98	101	dB
distortion	at 1.0 kHz, 1 W			15	%
buzz, rattle, etc.	must be normal at sine wave between Fo ~ 2,500 Hz		2.83		V
dimensions	35.5 x 20.5 x 8.0				mm
magnet	Nd-Fe-B (Ø11 x 1.5 mm)				
material	ABS UL-94 1/16" HB				
cone material	cloth				
terminal	solder terminals				
weight			5.9		g
operating temperature		-20		60	°C
storage temperature		-20		60	°C
RoHS	yes				

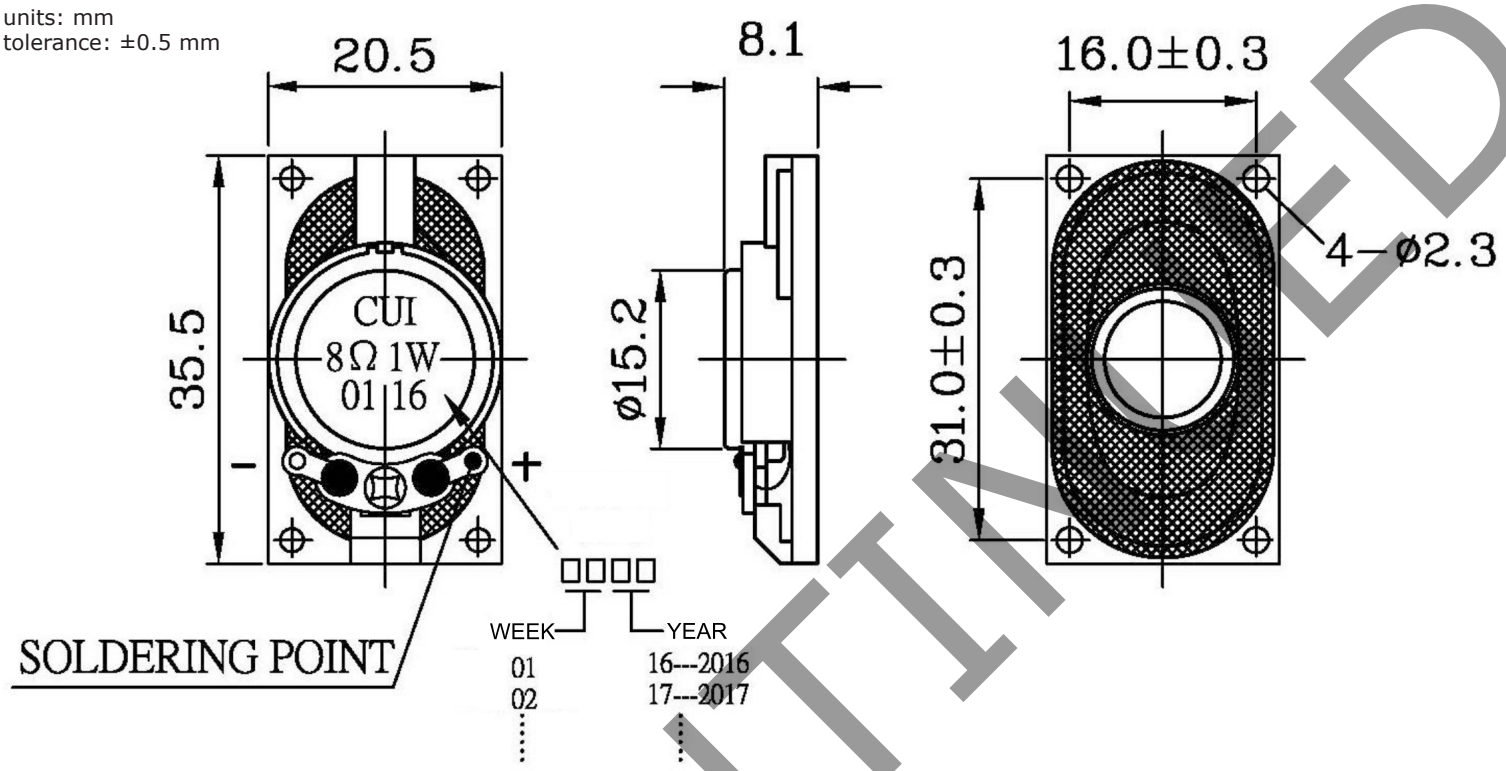
Notes: 1. All specifications measured at 5~35°C, humidity at 45~85%, under 86~106 kPa pressure, unless otherwise noted.

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering	for 3 ±1 seconds	360	370	380	°C

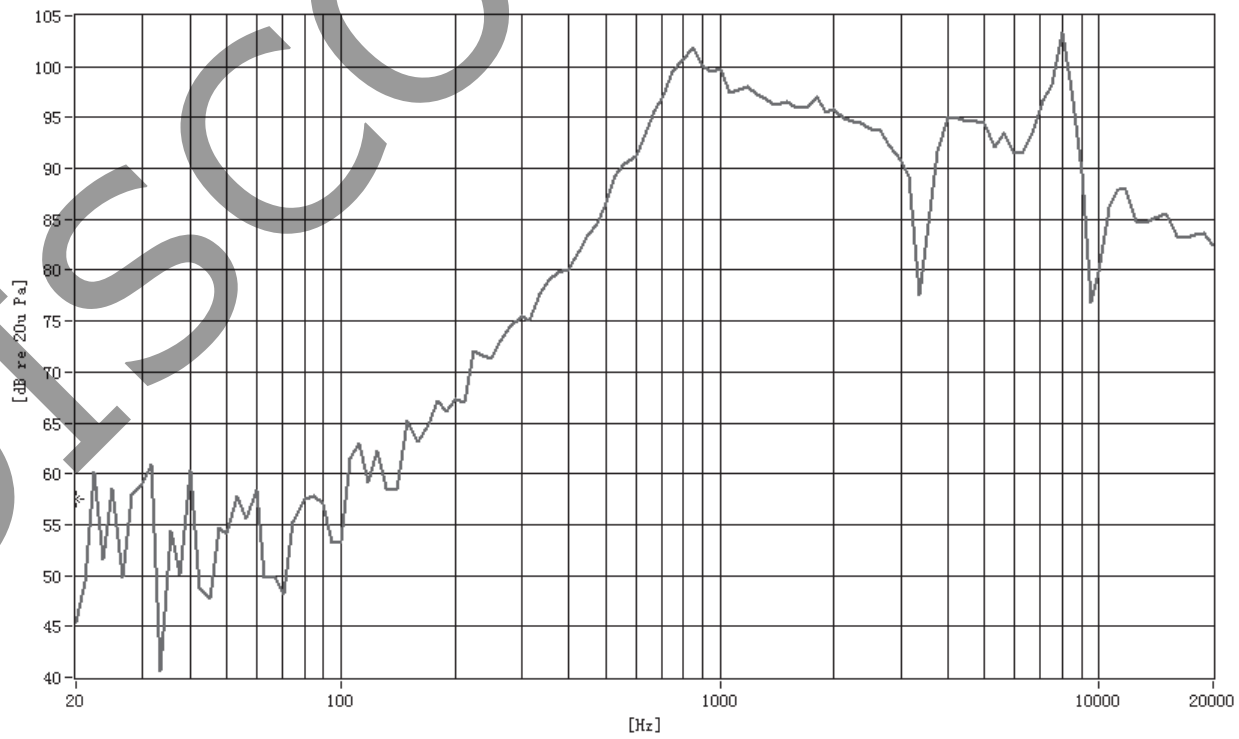
MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm



FREQUENCY RESPONSE CURVE

Frequency Response, Magn Db re 20,00µPA (at 1 W / 0.1 m)



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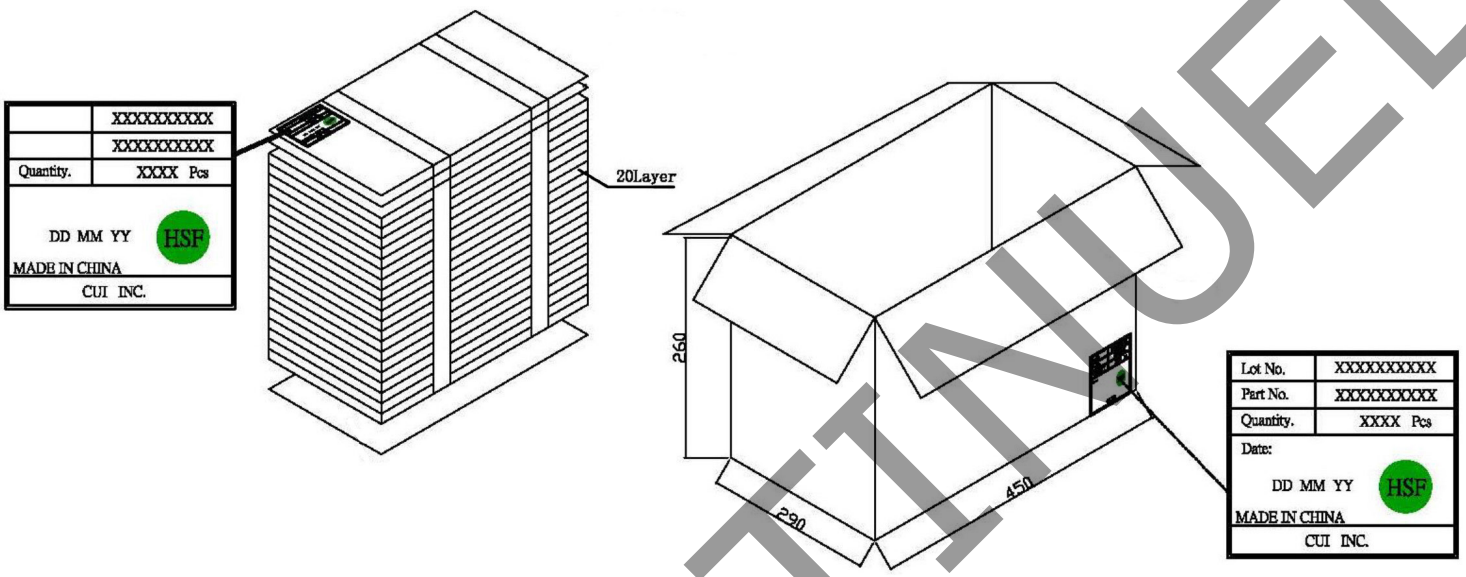
PACKAGING

units: mm

Carton Size: 450 x 290 x 260 mm
Carton QTY: 1,300 pcs per carton



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REVISION HISTORY

rev.	description	date
1.0	initial release	06/21/2016
1.01	brand update	01/22/2020

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

DISCONTINUED

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

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