CUDEVICES

MODEL: CMS-25148N | **DESCRIPTION:** SPEAKER

FEATURES

- 92 dB SPL
- 1050 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 1.5 kHz, 1.0 V	6.8	8	9.2	Ω
resonant frequency (Fo)	at 1.0 V	840	1050	1260	Hz
frequency response	output SPL ±10 dB	Fo		20,000	Hz
sound pressure level	at 1 W, 0.1 m ave, at 0.8, 1.0, 1.2, 1.5 kHz	89	92	95	dB
distortion	at 2 kHz, 1 W			5	%
buzz, rattle, etc.	must be normal at sine wave between Fo ~ 20,000 Hz		2.83		V
dimensions	25.0 x 14.0 x 5.2				mm
magnet	Nd-Fe-B				
material	PBT				
cone material	cloth				
terminal	solder pads				
weight			2.4		g
operating temperature		-20		55	°C
storage temperature		-30		70	°C
RoHS	yes				

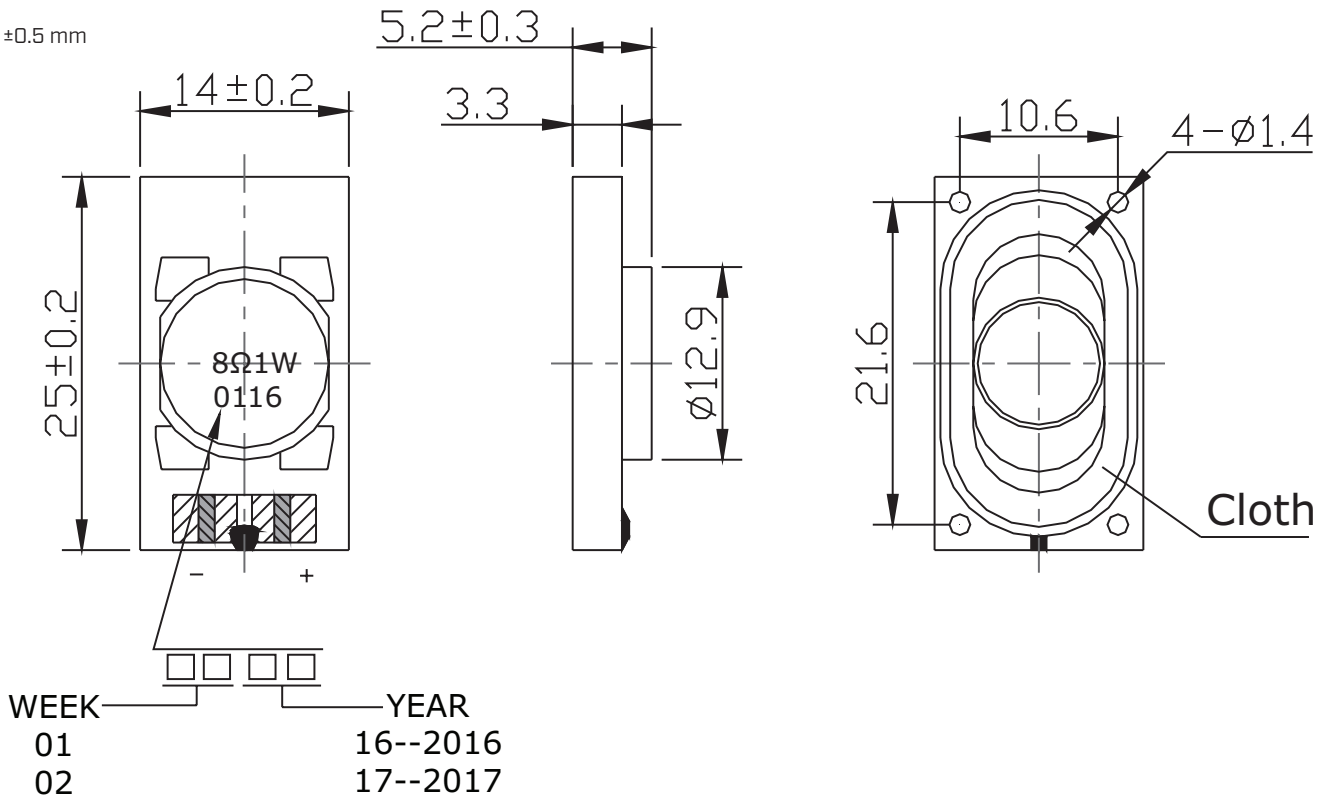
Notes: 1. All specifications measured at 5~35°C, humidity at 45~85%, under 86~106 kPa pressure, unless otherwise noted.

SOLDERABILITY

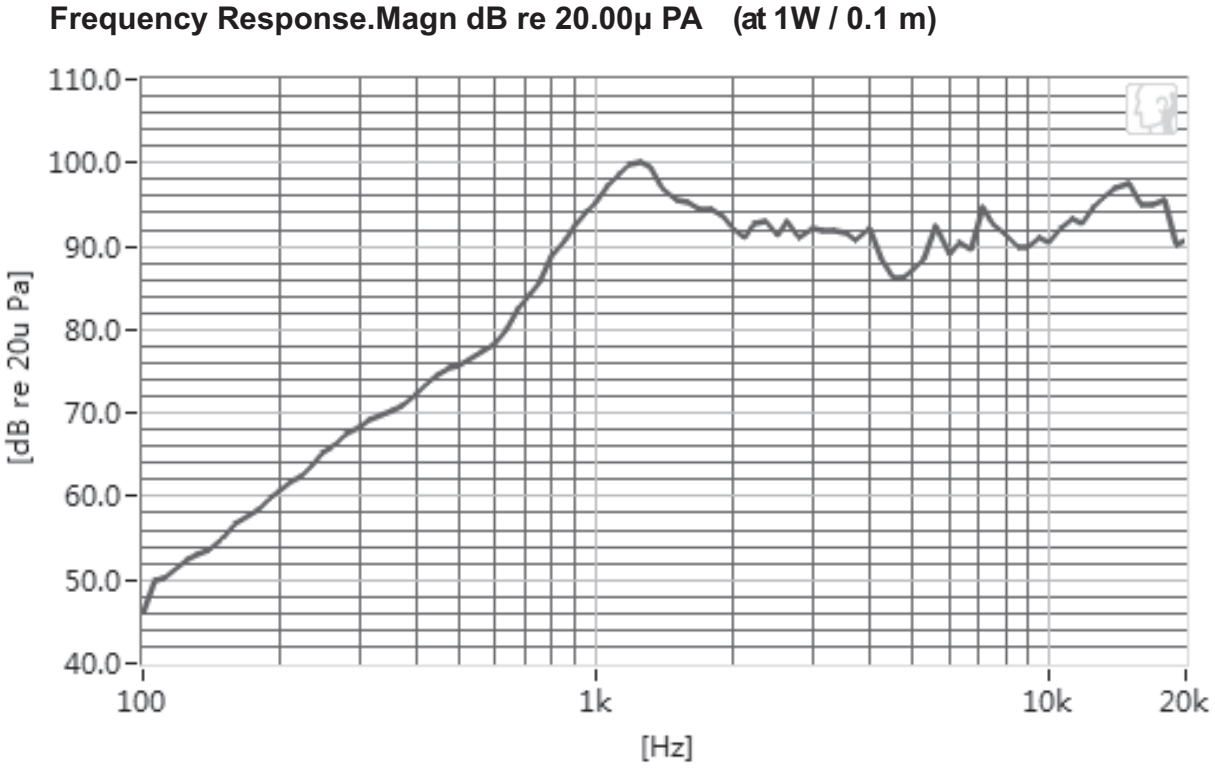
parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 3 seconds	370	380	390	°C

MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm



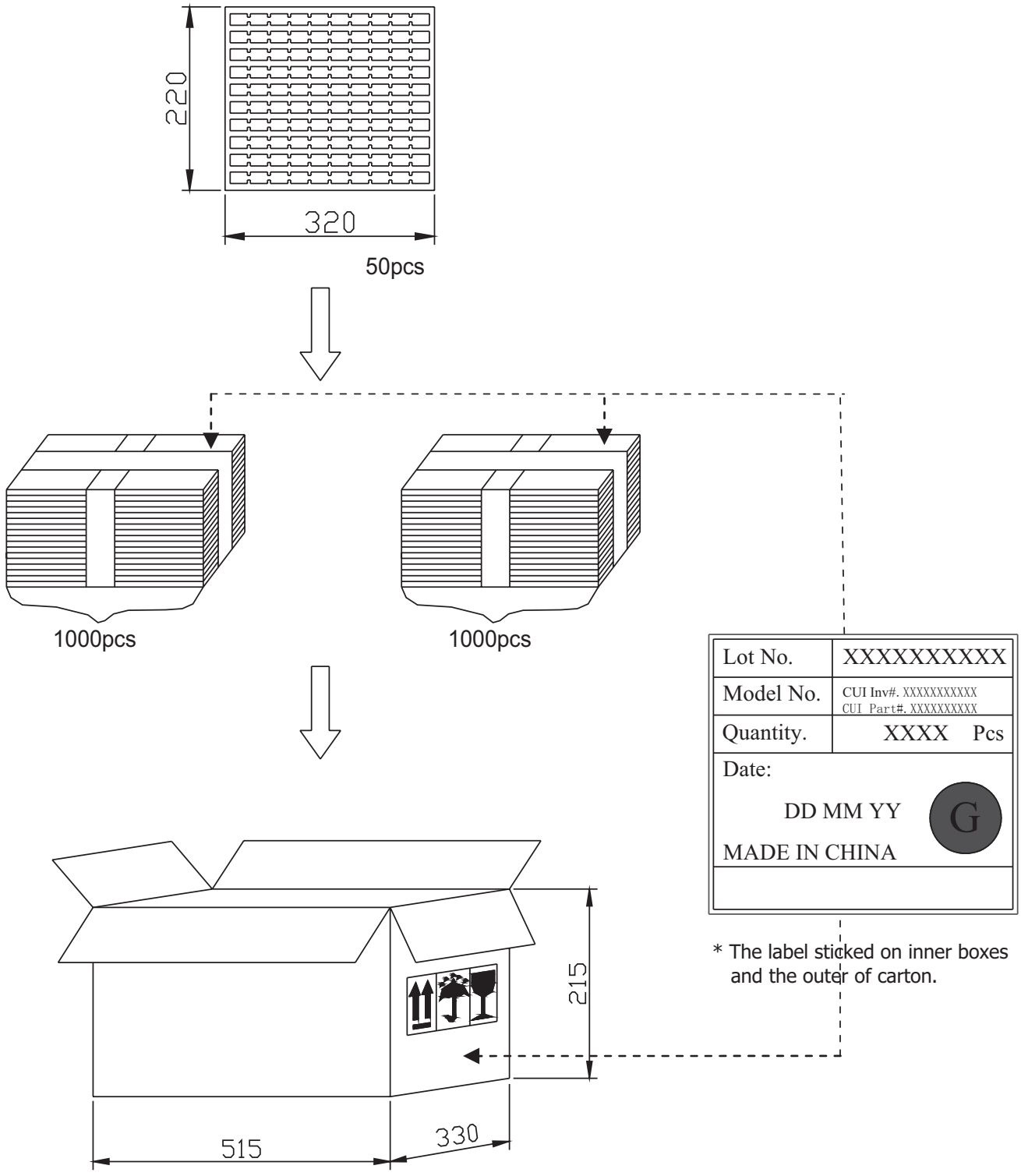
FREQUENCY RESPONSE CURVE



PACKAGING

units: mm

Tray Size: 320 x 220 x 10 mm
Carton Size: 515 x 330 x 215 mm
Tray QTY: 50 pcs per tray
Carton QTY: 2,000 pcs per carton



REVISION HISTORY

rev.	description	date
1.0	initial release	06/23/2016
1.01	brand update	01/21/2020
1.02	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.

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