CUI INC®

MODEL: CMS-23558N-L152 | DESCRIPTION: SPEAKER

FEATURES
- 550 Hz resonant frequency
- Nd-Fe-B magnet
- wire leads

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 2.0 kHz	6.8	8	9.2	Ω
resonant frequency (Fo)	at 1.0 V	440	550	660	Hz
frequency response	output SPL -10 dB	Fo		20,000	Hz
sound pressure level	at 1.0 W, 0.1 m ave, at 0.8, 1.0, 1.2, 1.5 kHz at 1.0 W, 0.5 m ave, at 0.8, 1.0, 1.2, 1.5 kHz	91 77	94 80	97 83	dB dB
distortion	at 1.0 kHz, 1.0 W			10	%
buzz, rattle, etc.	must be normal at sine wave between Fo ~ 20,000 Hz		2.83		V
dimensions	Ø23 x 5.5				mm
magnet	Nd-Fe-B				
material	metal				
cone material	mylar				
terminal	wire leads				
weight			4.5		g
operating temperature		-20		55	°C
storage temperature		-30		70	°C
RoHS	2011/65/EU				

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

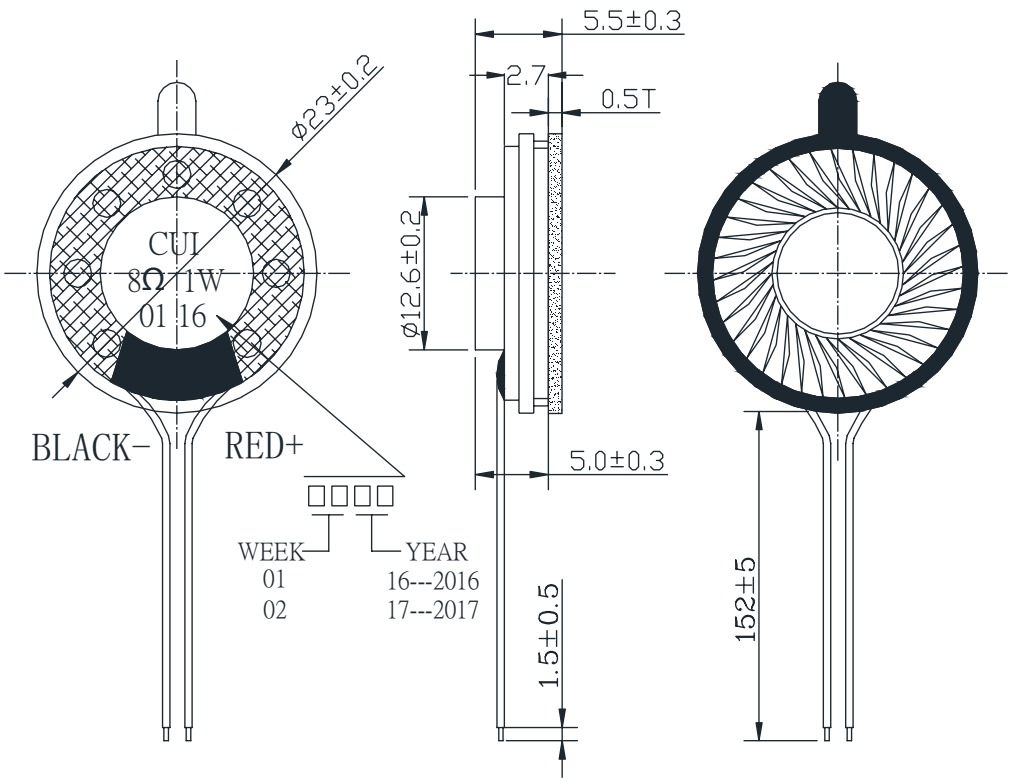
SOLDERABILITY

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

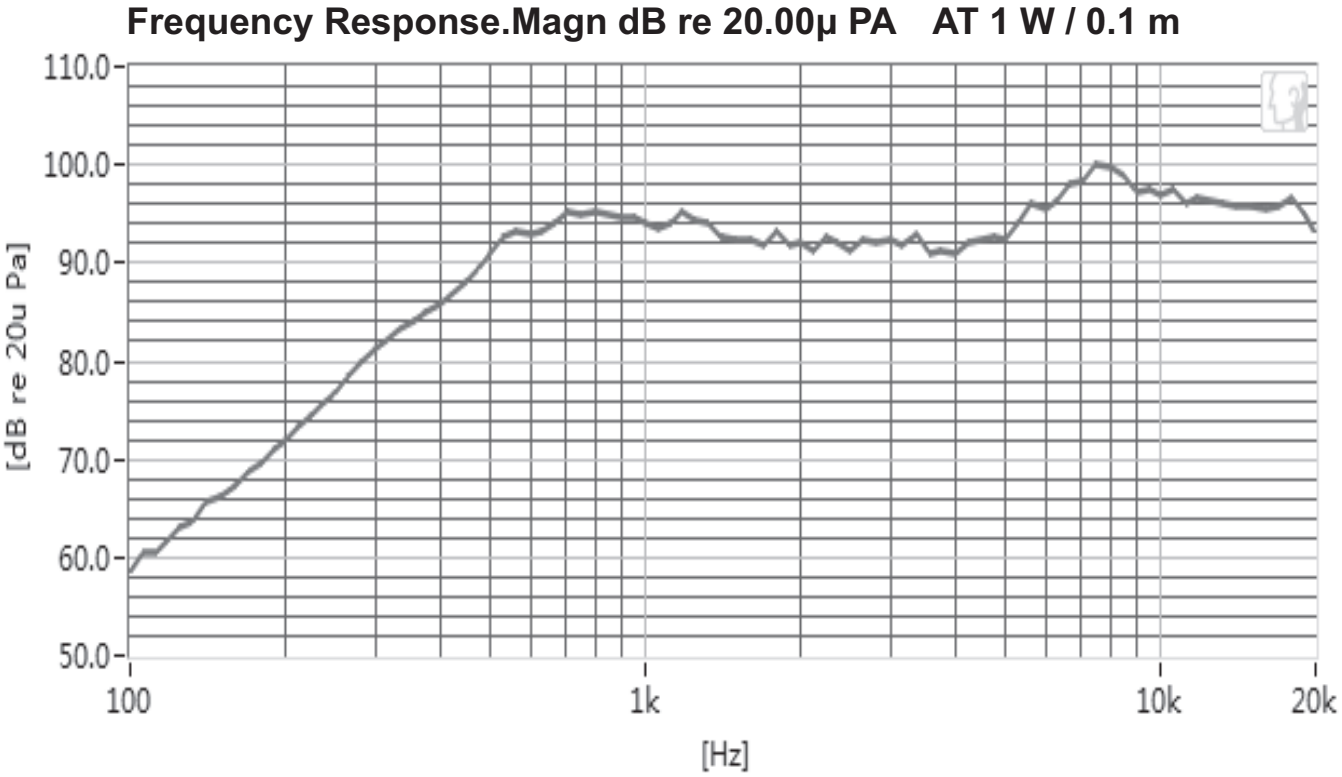
MECHANICAL DRAWING

units: mm
tolerance: ±0.2 mm

wire: UL1007 28 AWG



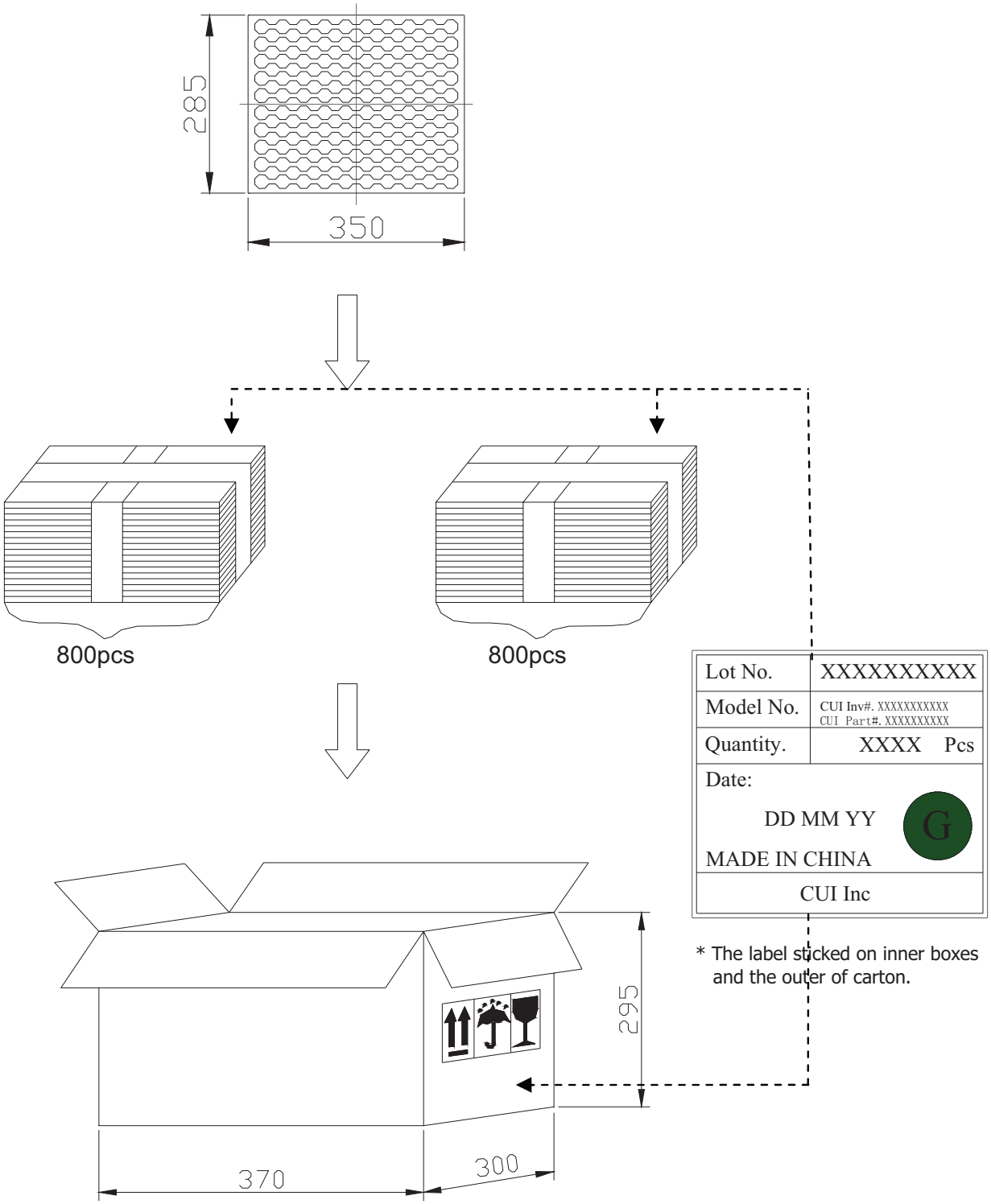
FREQUENCY RESPONSE CURVE



PACKAGING

units: mm

Tray Size: 350 x 285 x 15 mm
Carton Size: 370 x 300 x 295 mm
Tray QTY: 100 pcs per tray
Carton QTY: 1,600 pcs per carton



* The label sticked on inner boxes and the outer of carton.

REVISION HISTORY

rev.	description	date
1.0	initial release	06/28/2016

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

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