CUDEVICES

MODEL: CPT-2521C-500 | **DESCRIPTION:** PIEZO BUZZER TRANSDUCER

FEATURES

- externally driven
- wire leads
- IP68 rated



RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
operating voltage				50	Vp-p
current consumption	at 20 Vp-p, 3,700 Hz square wave			40	mA
rated frequency			3,700		Hz
sound pressure level	at 30 cm, 20 Vp-p, 3,700 Hz square wave	95			dB
electrostatic capacity	at 120 Hz/1 V	17,500	25,000	32,500	pF
dimensions	Ø25.6 x 21.6				mm
weight				15.0	g
material	PBT+15% GF				
terminal	wire type				
operating temperature		-30		85	°C
storage temperature		-40		95	°C
RoHS	yes				
IP level	IP68 (IEC standard 529 edition 2.0 (1989))				

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

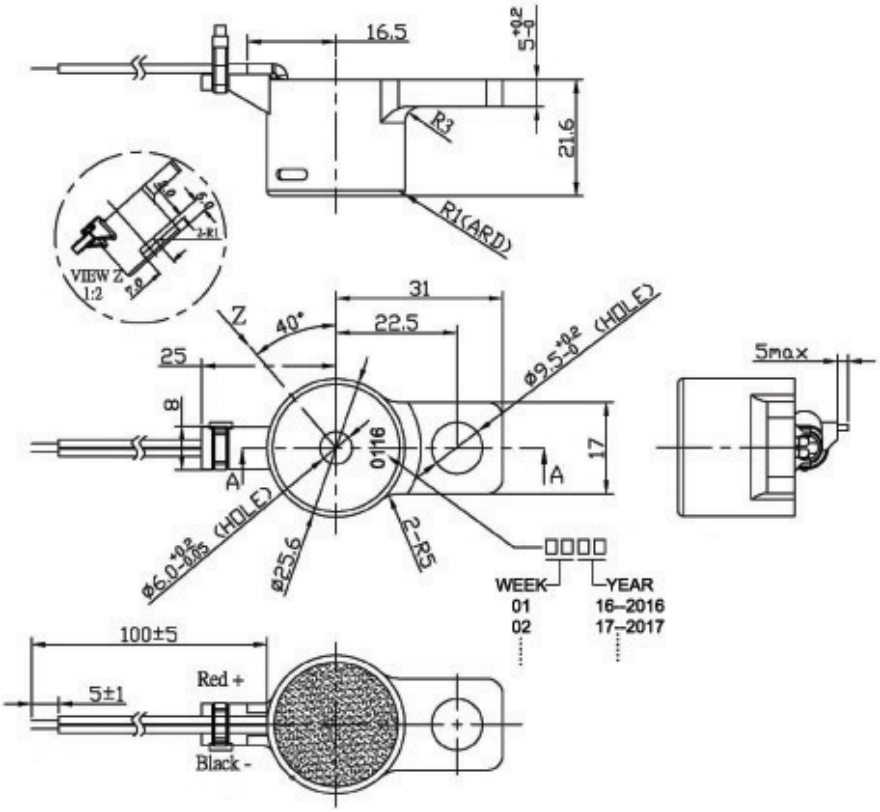
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 5 seconds	330		380	°C

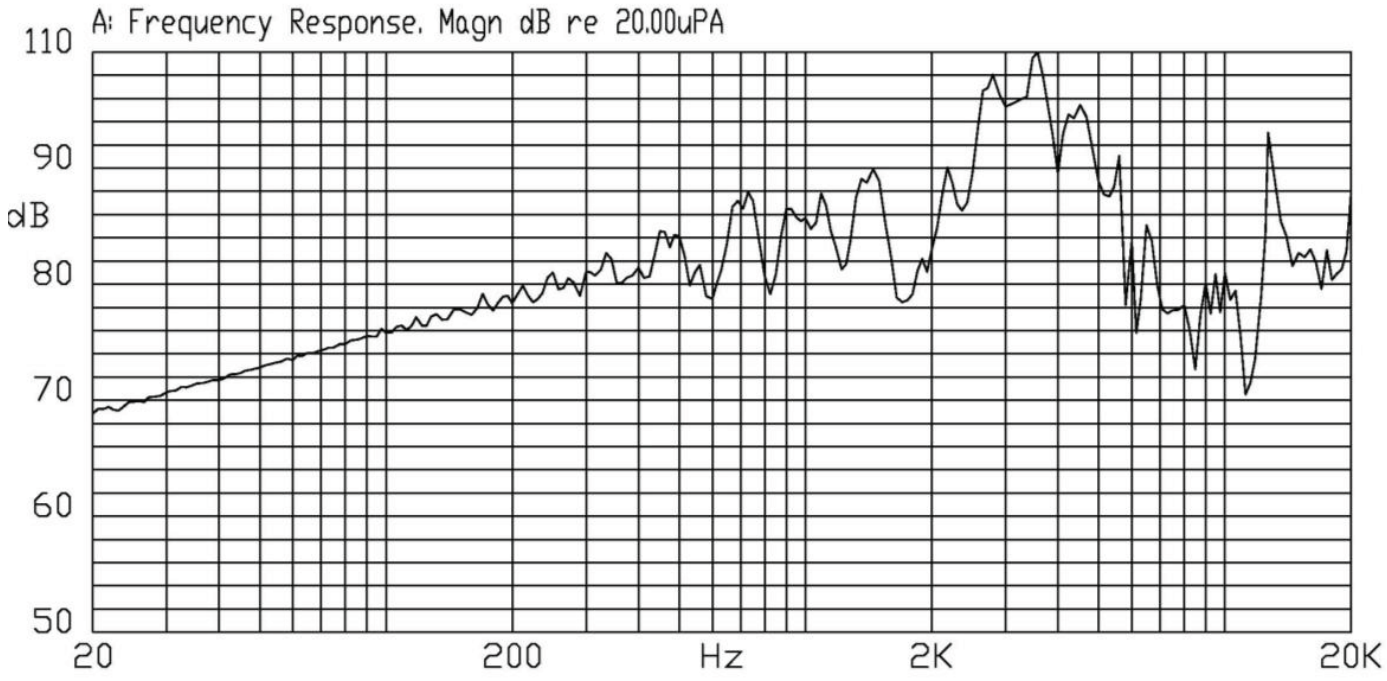
MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

wire: UL1007 LF 22 AWG



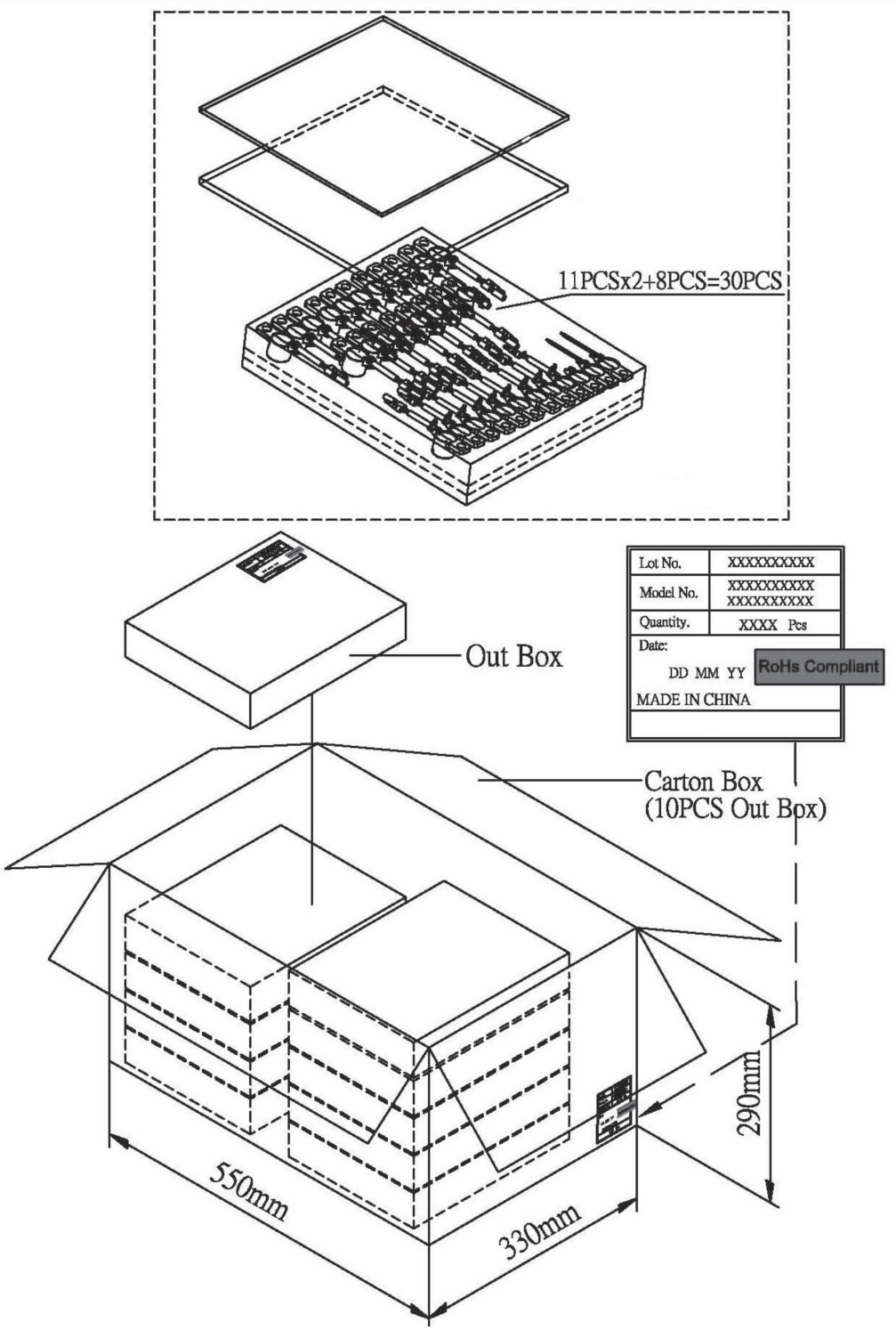
FREQUENCY RESPONSE CURVE



PACKAGING

units: mm

Outer Box Size: 310 x 248 x 49 mm
Carton Size: 550 x 330 x 290 mm
Outer Box QTY: 30 pcs per outer box
Carton QTY: 300 pcs per carton



REVISION HISTORY

rev.	description	date
1.0	initial release	03/31/2016
1.01	brand update	12/05/2019
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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