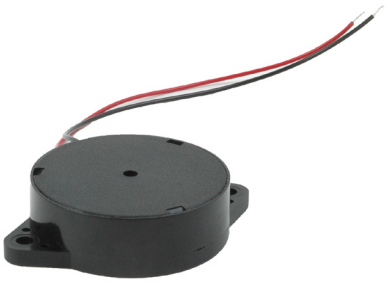
CUDEVICES

MODEL: CPE-6080 | **DESCRIPTION:** PIEZO BUZZER TRANSDUCER

FEATURES

- piezo transducer wire leads
- 80 dB SPL
- 800 Hz rated frequency



RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
operating voltage				40	Vp-p
current consumption	at 10 Vp-p, 800 Hz square wave			10	mA
rated frequency			800		Hz
sound pressure level	at 10 cm, 10 Vp-p, 800 Hz square wave	80			dB
electrostatic capacity	at 120 Hz/1 V	49,000	70,000	91,000	pF
dimensions	Ø44.0 x 14.0				mm
weight				12	g
material	PA-777D (black)				
terminal	wire leads				
operating temperature		-30		80	°C
storage temperature		-40		80	°C
RoHS	yes				

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

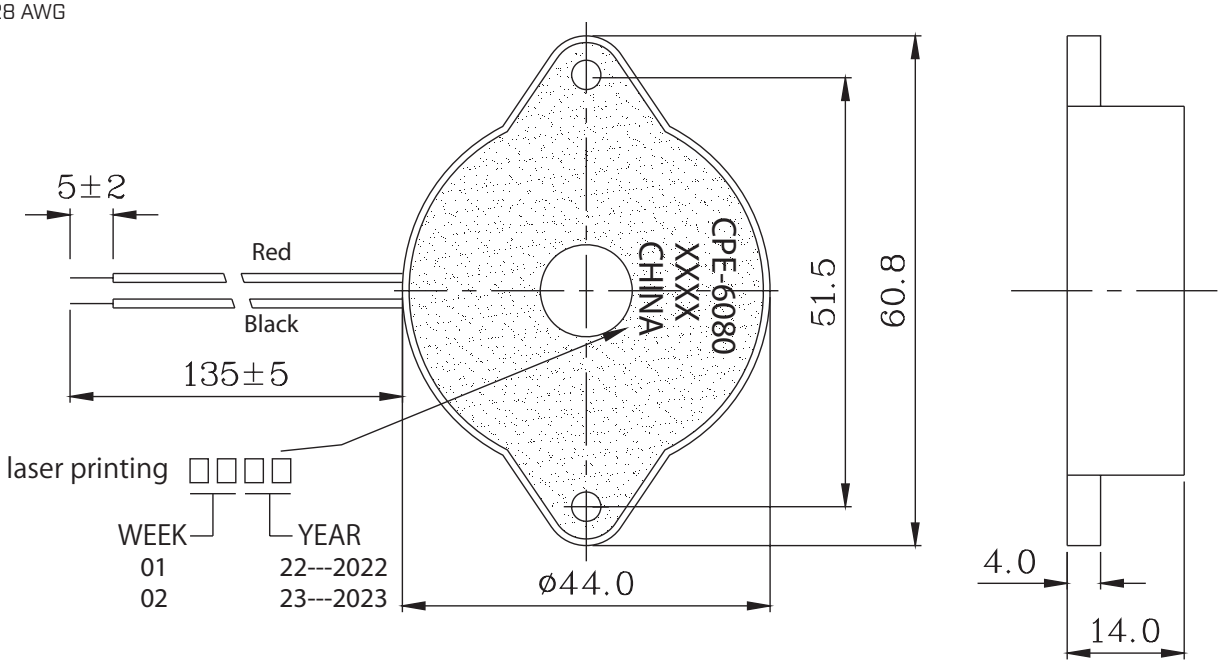
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering	for 2 ± 0.5 seconds	280	290	300	°C

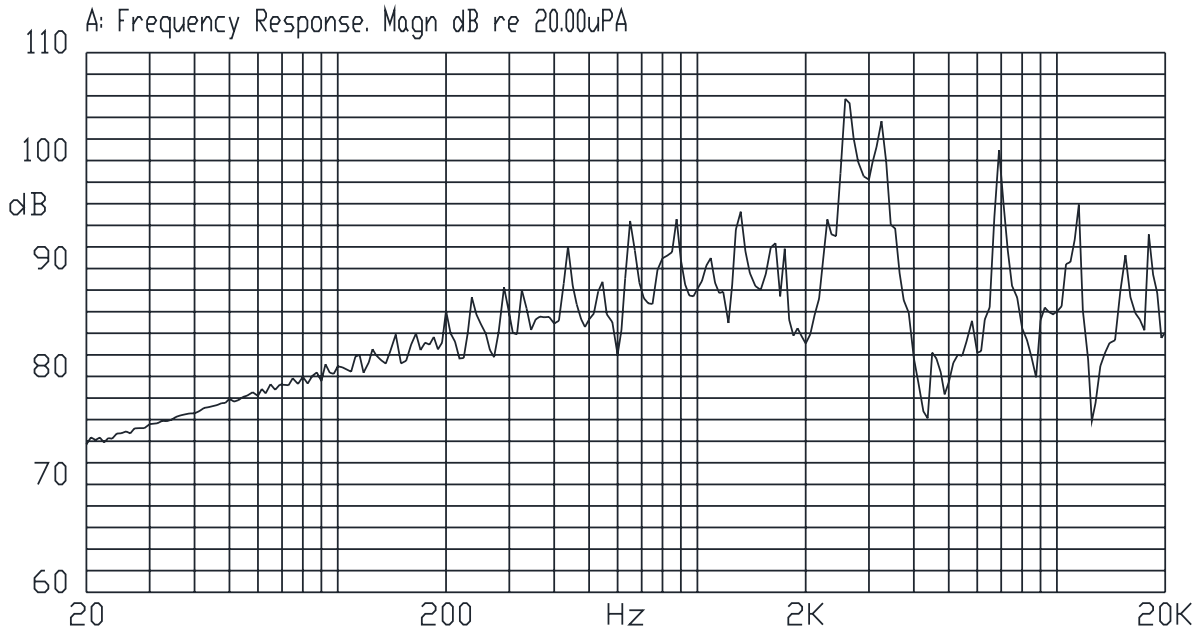
MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

wire: UL1007 28 AWG



FREQUENCY RESPONSE CURVE



REVISION HISTORY

rev.	description	date
1.0	initial release	06/01/2010
1.01	brand update	04/28/2020
1.02	logo, datasheet style update	08/05/2022
1.03	changed internal piezo element	06/01/2023

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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