CUI DEVICES

MODEL: CPE-164 | **DESCRIPTION:** PIEZO BUZZER TRANSDUCER

FEATURES

- piezo transducer with pin mount
- 80 dB SPL
- 4,000 Hz rated frequency

RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
operating voltage				20	Vp-p
current consumption	at 10 Vp-p, 4,000 Hz square wave			10	mA
rated frequency			4,000		Hz
sound pressure level	at 10 cm, 10 Vp-p, 4,000 Hz square wave	80			dB
electrostatic capacity	at 1 kHz/1 V	11,200	16,000	20,800	pF
dimensions	Ø13.7 x 7.6				mm
weight				0.9	g
material	NORYL (black)				
terminal	pin type (Au plating)				
operating temperature		-20		70	°C
storage temperature		-30		80	°C
RoHS	yes				

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

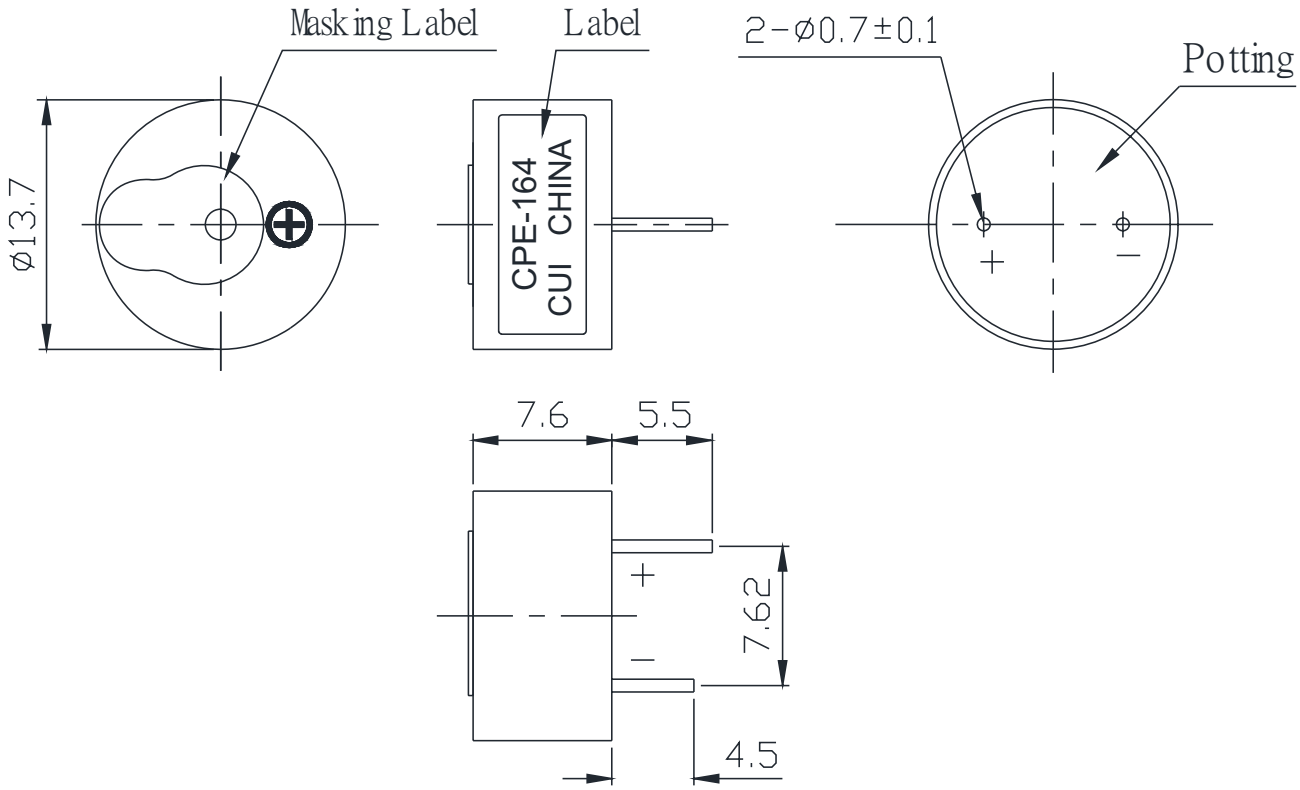
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering[2]	for maximum 2 seconds	330		380	°C

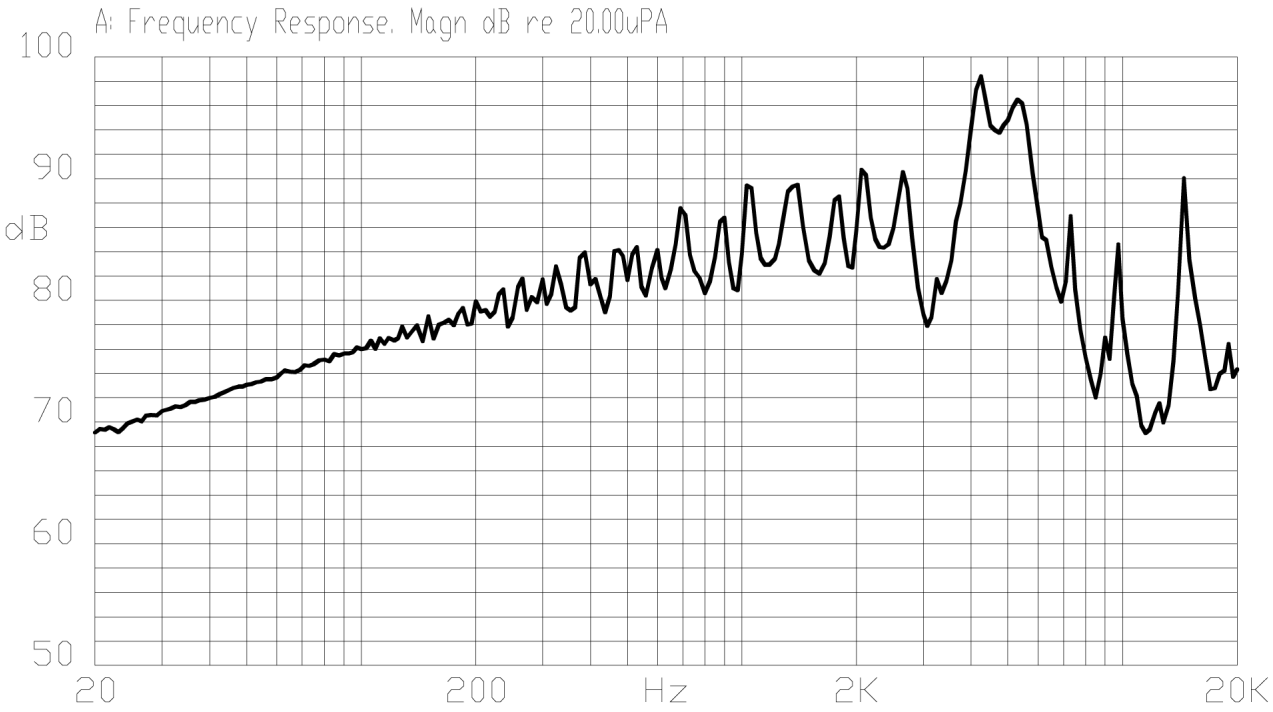
Notes: 2. Not recommended for wave soldering

MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm



FREQUENCY RESPONSE CURVE



REVISION HISTORY

rev.	description	date
1.0	initial release	11/12/2007
1.01	brand update	03/13/2020

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