CUDEVICES

MODEL: CEP-1114 | **DESCRIPTION:** PIEZO BUZZER TRANSDUCER

FEATURES

- piezo transducer with pin mount
- 93 dB SPL
- 2,000 Hz rated frequency

RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
operating voltage				30	Vp-p
current consumption	at 10 Vp-p, 2,000 Hz square wave			11	mA
rated frequency			2,000		Hz
sound pressure level	at 10 cm, 10 Vp-p, 2,000 Hz square wave	93			dB
electrostatic capacity	at 1 kHz/1 V	31,500	45,000	58,500	pF
dimensions	Ø30.0 x 13.5				mm
weight				4.3	g
material	ABS UL94 1/16" HB (black)				
terminal	pin type (Au plating)				
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.

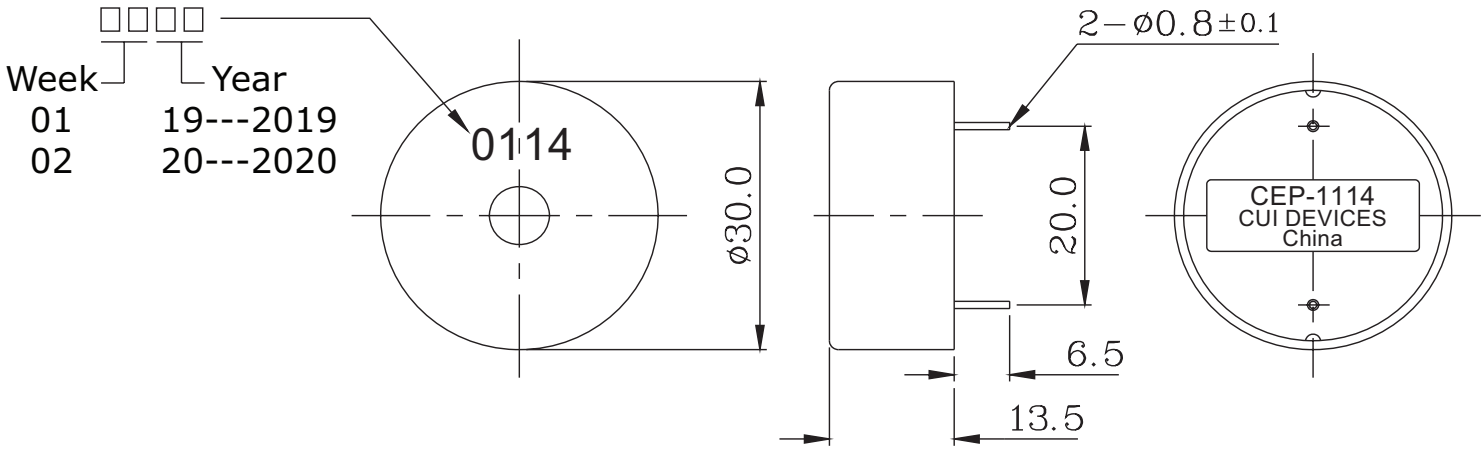
SOLDERABILITY

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

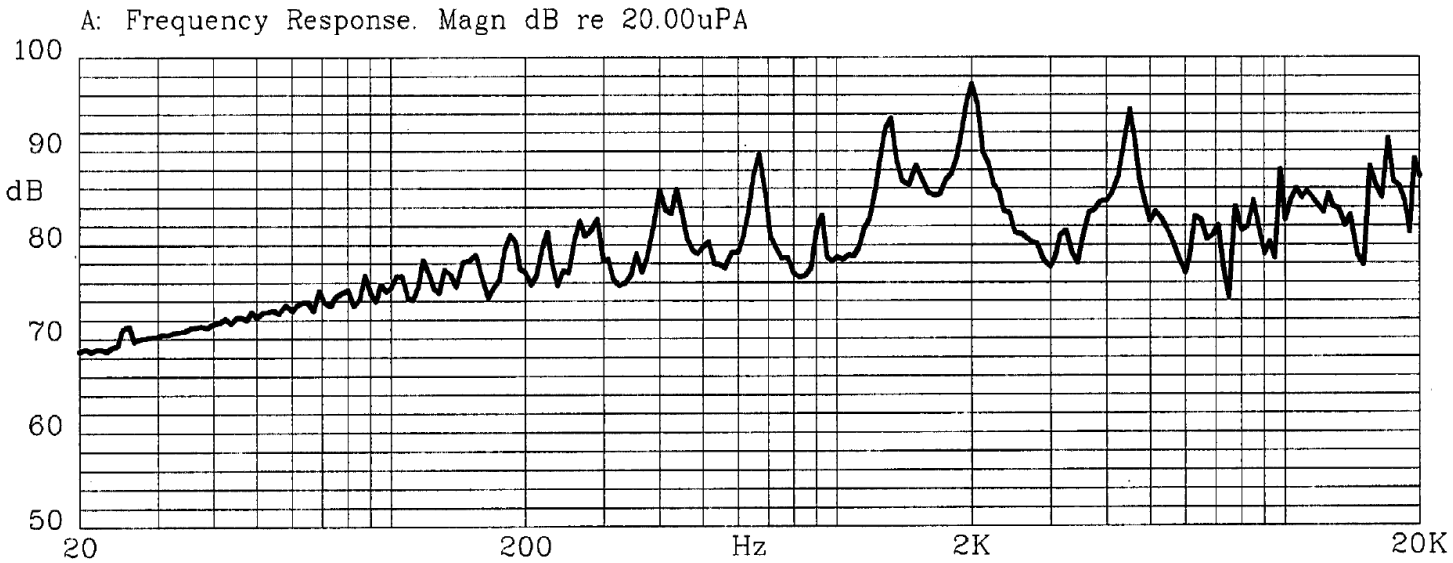
Notes: 2. Not recommended for wave soldering

MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm



FREQUENCY RESPONSE CURVE



REVISION HISTORY

rev.	description	date
1.0	initial release	10/23/2006
1.01	brand update	03/12/2020
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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