MODEL: CEP-1116 | DESCRIPTION: PIEZO BUZZER TRANSDUCER

FEATURES

- piezo transducer with pin mount
- 90 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			8	mA
rated frequency			2,000		Hz
sound pressure level	at 10 cm, 10 Vp-p, 2,000 Hz square wave	90			dB
electrostatic capacity	at 1 kHz/1 V	19,600	28,000	36,400	pF
dimensions	Ø30.0 x 10.0				mm
weight				5.6	g
material	ABS UL94 1/16" HB High Heat (black)				
terminal	pin type (Sn plating)				
operating temperature		-30		85	°C
storage temperature		-40		95	°C
RoHS	yes				

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

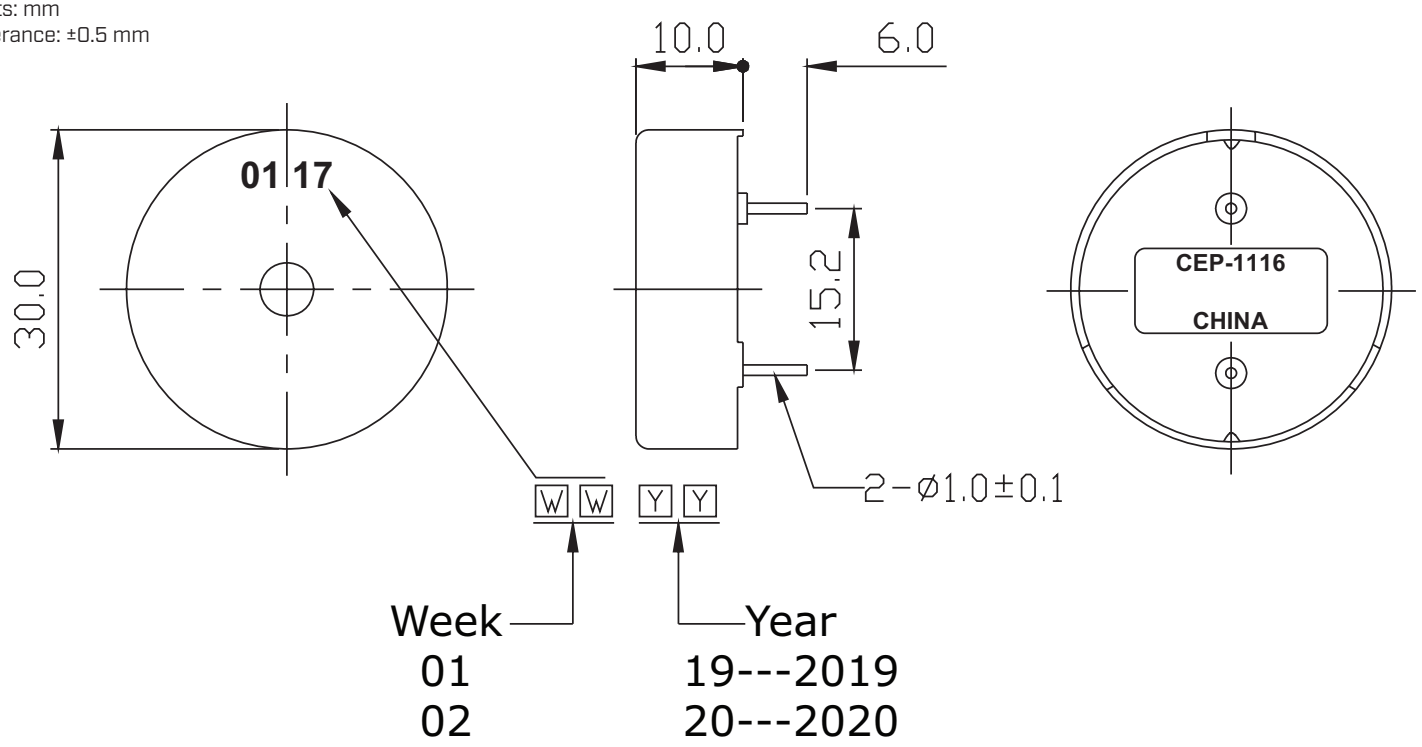
SOLDERABILITY

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

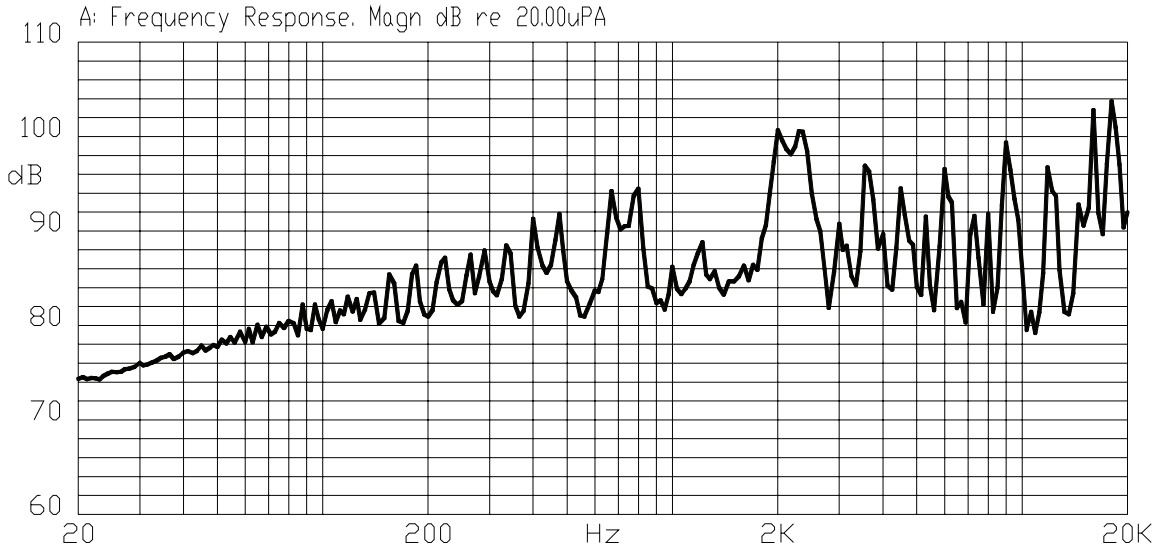
Notes: 2. Not recommended for wave soldering

MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm



FREQUENCY RESPONSE CURVE



REVISION HISTORY

rev.	description	date
1.0	initial release	09/12/2006
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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