CUI DEVICES

MODEL: CEP-1152 | DESCRIPTION: PIEZO BUZZER TRANSDUCER

FEATURES

- piezo transducer with pin mount
- 84 dB SPL
- 5,000 Hz rated frequency

RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
operating voltage				30	Vp-p
current consumption	at 10 Vp-p, 5,000 Hz square wave			9	mA
rated frequency			5,000		Hz
sound pressure level	at 10 cm, 10 Vp-p, 5,000 Hz square wave	84			dB
electrostatic capacity	at 1 kHz/1 V	7,700	11,000	14,300	pF
dimensions	Ø16.5 x 7.0				mm
weight				1.0	g
material	ABS UL94 1/16" HB (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.

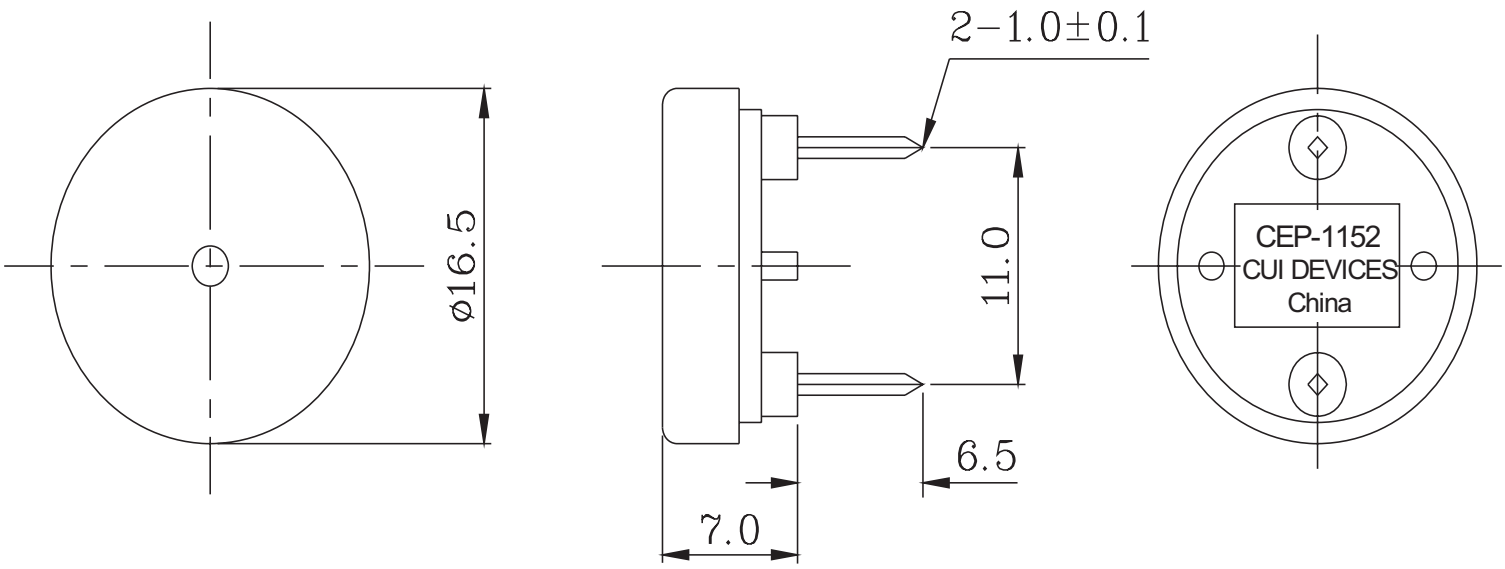
SOLDERABILITY

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

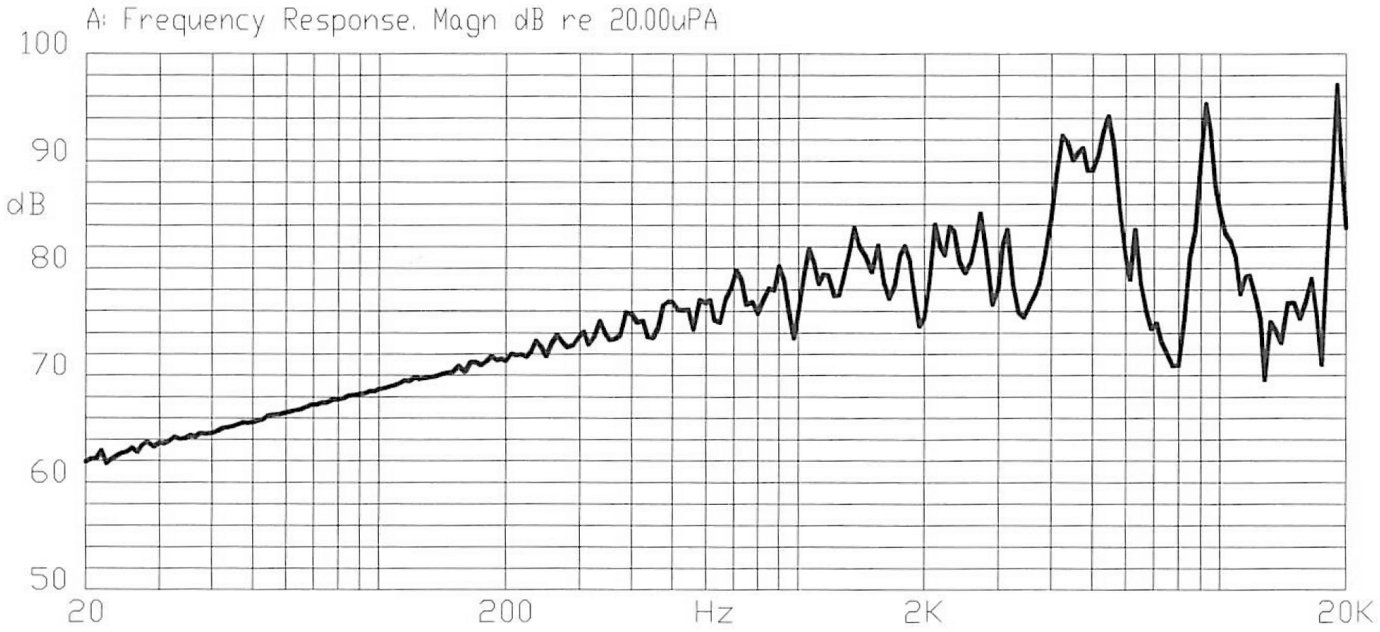
Notes: 2. Not recommended for wave soldering

MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm



FREQUENCY RESPONSE CURVE



REVISION HISTORY

rev.	description	date
1.0	initial release	09/18/2006
1.01	brand update	03/13/2020

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