CUDEVICES

MODEL: CPT-3010-90T | **DESCRIPTION:** PIEZO BUZZER TRANSDUCER

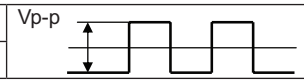
FEATURES

- piezo
- 90 dB @ 10 cm
- through hole



RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage			5		Vp-p
operating voltage				30	Vp-p
current consumption	at rated voltage			1.5	mA
rated frequency		2,000	2,500	3,000	Hz
sound pressure level	at 10 cm, rated voltage	90			dB
electrostatic capacitance	at 120 Hz	21,000	30,000	39,000	pF
dimensions	Ø30 x 12				mm
weight			4.4		g
material	ABS 757 (UL94HB)				
terminal	pin (tin plated brass)				
operating temperature		-20		70	°C
storage temperature		-30		80	°C
washable	no				
RoHS	yes				

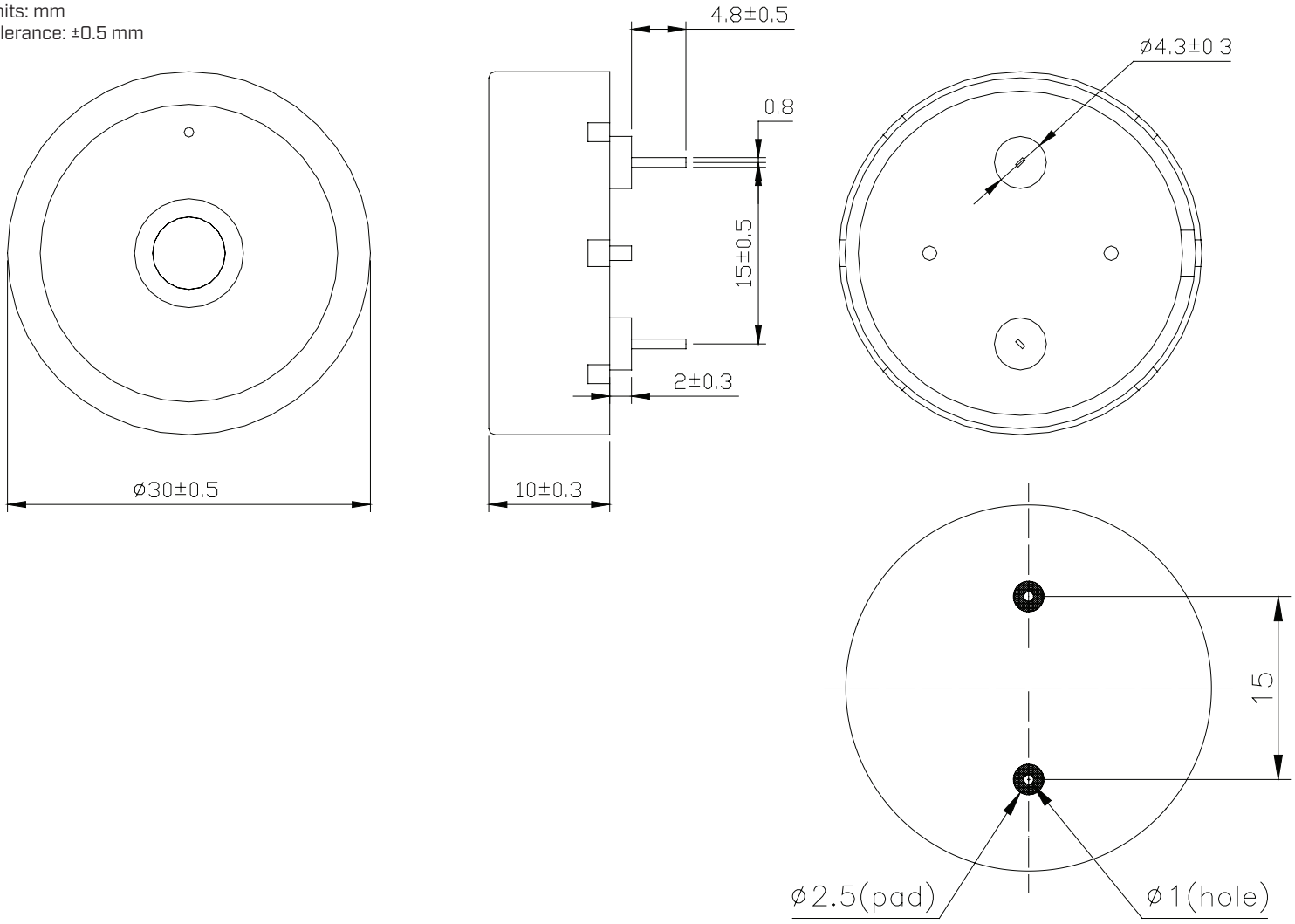
Notes: 1. All specifications measured at 25±2°C, humidity at 45-60%, unless otherwise noted.

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 5 seconds	330	350	370	°C
wave soldering	for maximum 5 seconds	255	260	265	°C

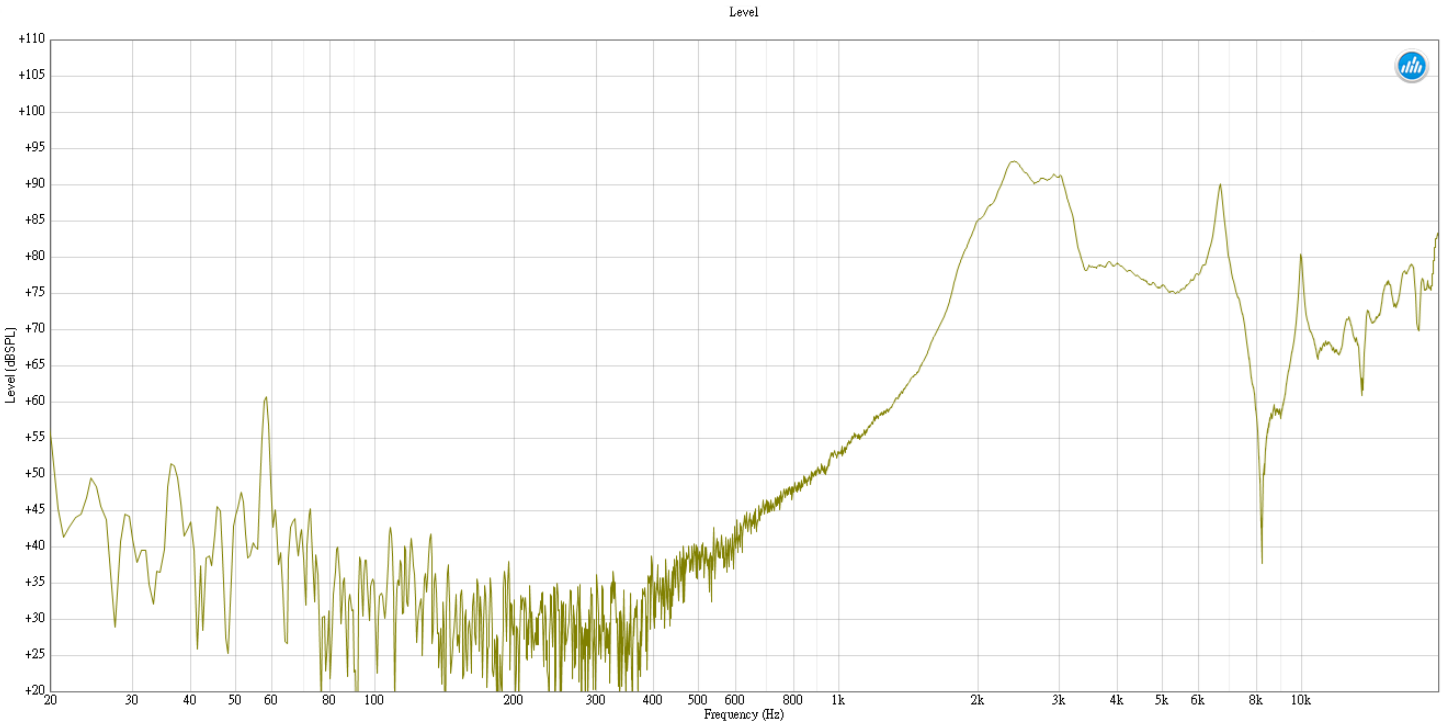
MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm



Recommended PCB Layout
Top View

FREQUENCY RESPONSE CURVE



REVISION HISTORY

rev.	description	date
1.0	initial release	09/12/2023

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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