CUI Devices is now Same Sky! Learn More

MODEL: CPT-1206-3TH-T | DESCRIPTION: PIEZO BUZZER TRANSDUCER

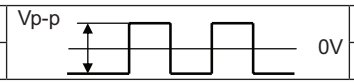
FEATURES

- no driving circuit
- piezo
- through hole



RoHS

SPECIFICATIONS

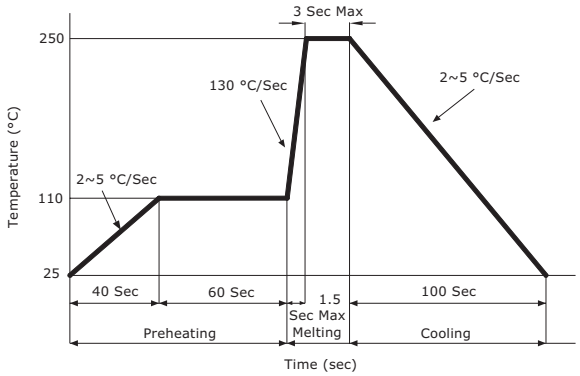
parameter	conditions/description	min	typ	max	units
rated voltage			3		Vp-p
operating voltage		2		30	Vp-p
current consumption	at rated voltage, 4,000 Hz, ½ duty square wave			5	mA
rated frequency			4,000		Hz
sound pressure level	at 10 cm, rated voltage, 4,000 Hz, ½ duty square wave	78			dB
electrostatic capacitance	at 100 Hz/1 V	9,100	13,000	16,900	pF
dimensions	Ø12.4 x 6.8				mm
weight			0.8		g
material	PBT (black)				
terminal	pin (tin plating)				
operating temperature		-40		85	°C
storage temperature		-40		85	°C
washable	no				
RoHS	yes				

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

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering	for max 3 seconds	330		360	°C
wave soldering²	see recommended wave soldering profile		250		°C

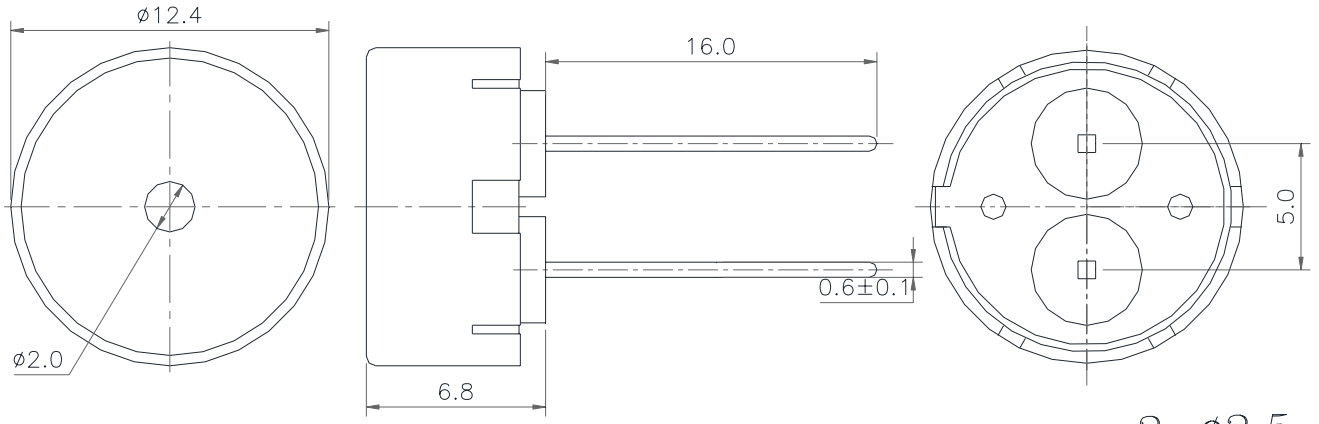
Notes: 2. Not to exceed 1 wave soldering cycle.

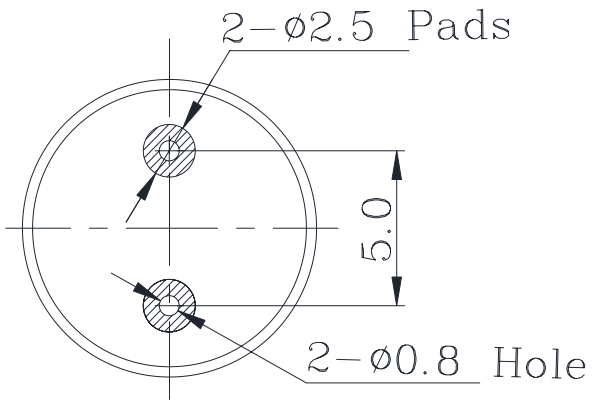


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MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

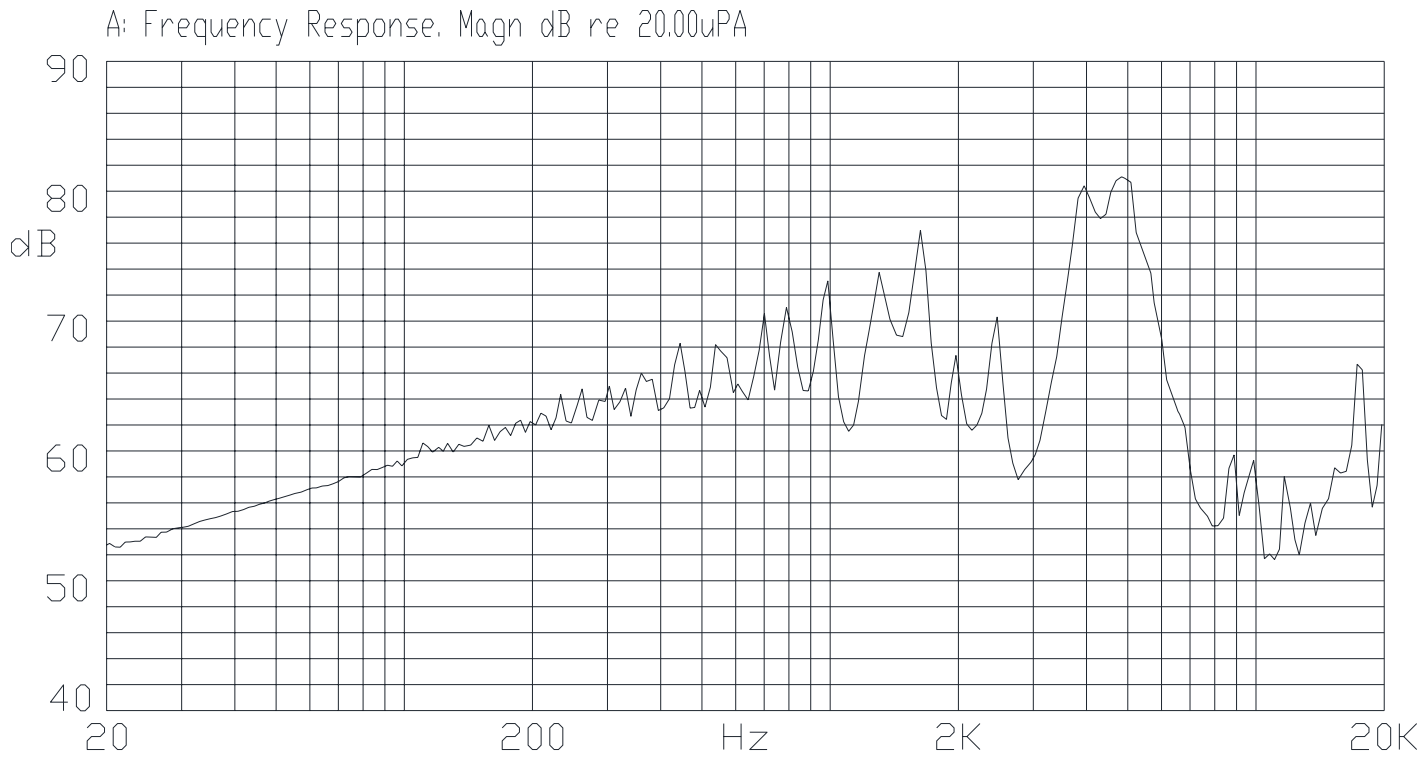




Reccommended PCB Layout
Top View

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FREQUENCY RESPONSE CURVE

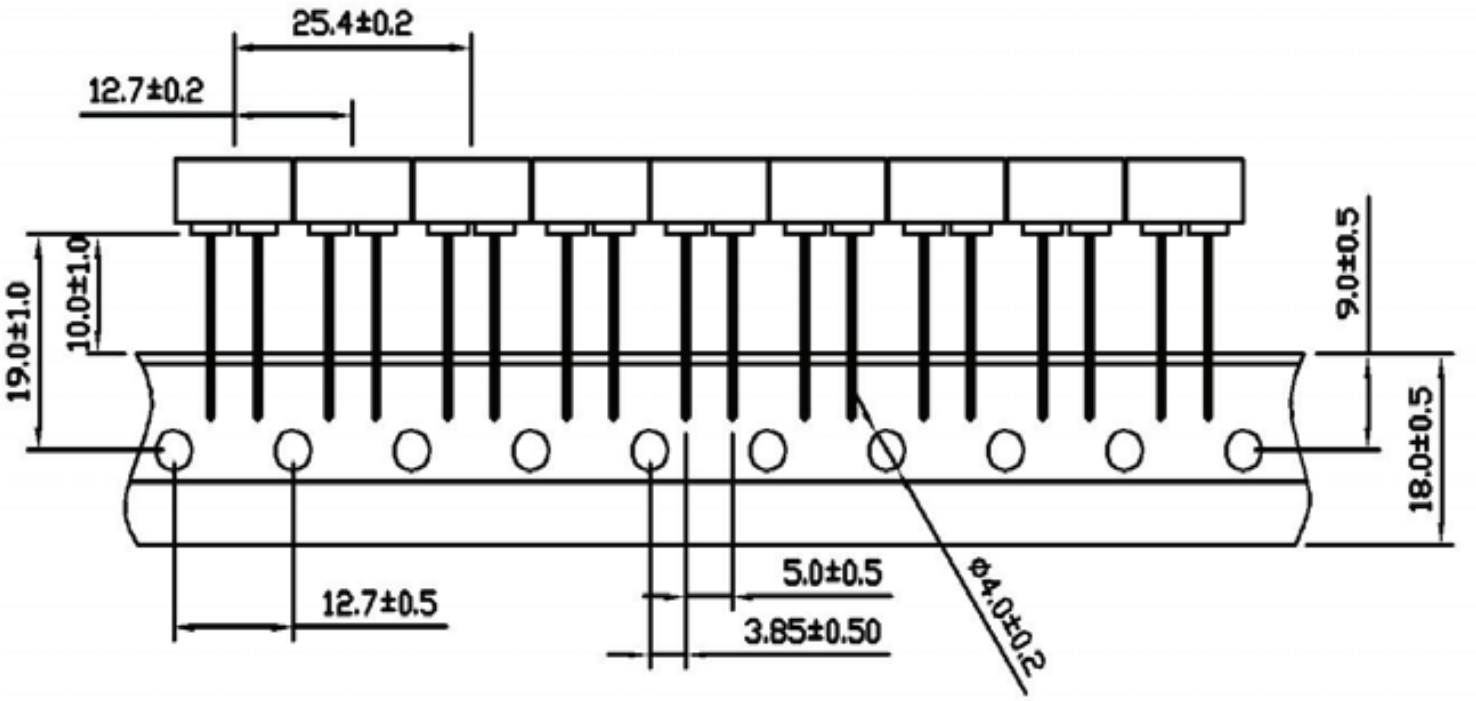


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PACKAGING

units: mm

Tape QTY: 500 pcs
Carton Size: 610 x 350 x 280 mm
Carton QTY: 5,000 pcs per carton



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REVISION HISTORY

rev.	description	date
1.0	initial release	07/22/2025

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

Same Sky offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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