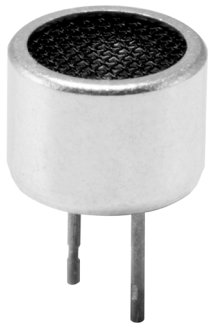
CUI DEVICES

MODEL: CUSA-T80-15-2400-TH | **DESCRIPTION:** ULTRASONIC SENSOR

FEATURES

- aluminium can
- open type
- transmitter
- sensitivity -75 dBV
- detectable range 15 meters



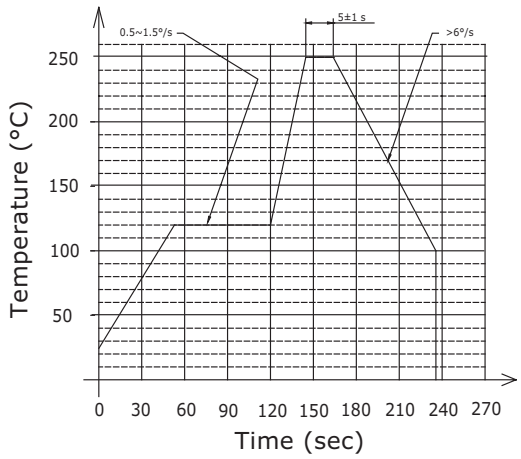
RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
type	transmitter				
operating voltage	at 40 kHz			80	Vp-p
frequency			40		kHz
sound pressure level	at 10 V, 30 cm, sine wave	105			dB
directivity			80		degree
capacitance	at 1 kHz	1,800	2,400	3,000	pF
detectable range		0.2		15	m
dimensions	Ø9.8 x 7.0				mm
material	aluminum				
terminal	pins (iron with tin plating)				
weight			0.74		g
operating temperature		-20		80	°C
RoHS	yes				

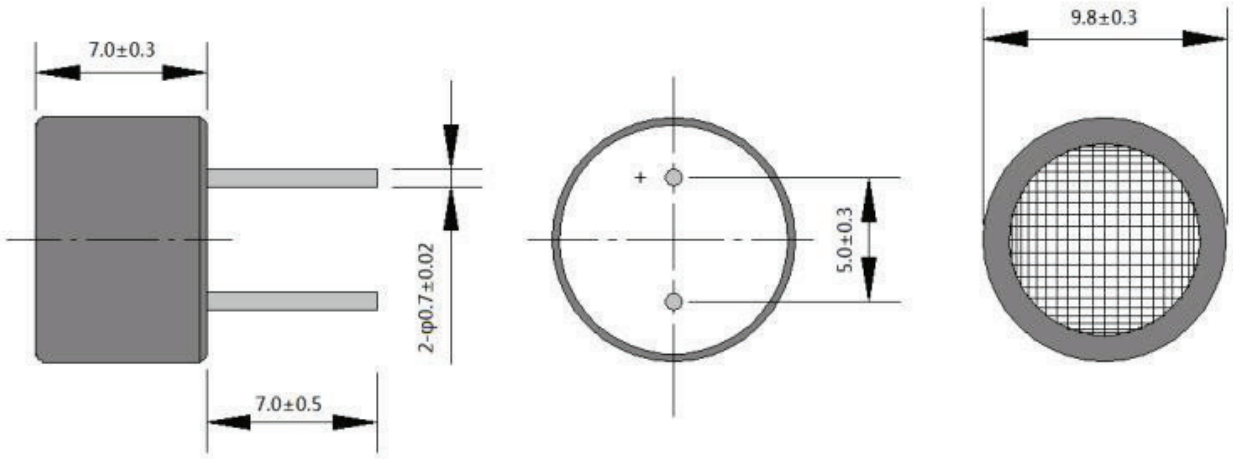
SOLDERABILITY

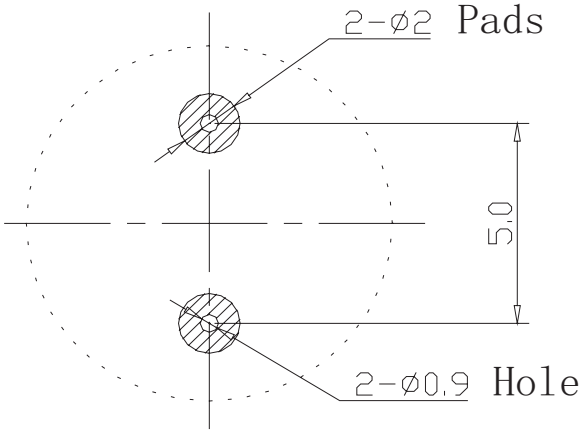
parameter	conditions/description	min	typ	max	units
wave soldering				250	°C



MECHANICAL DRAWING

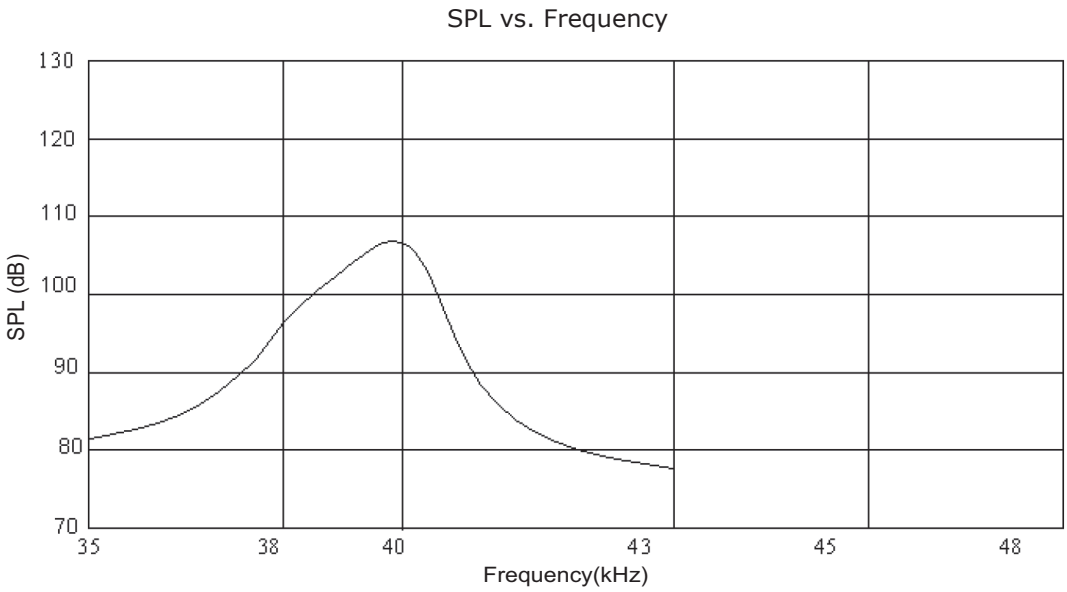
units: mm

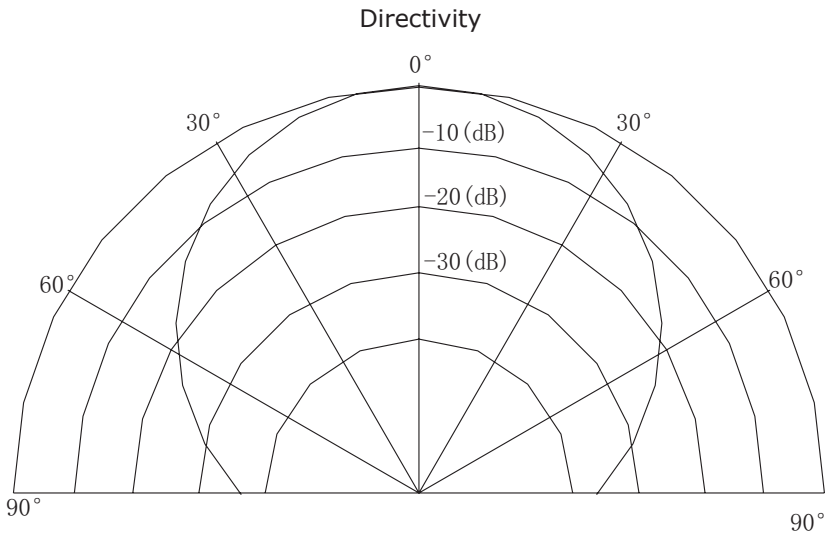




Recommended PCB Layout
Top View

BEAM PATTERNS

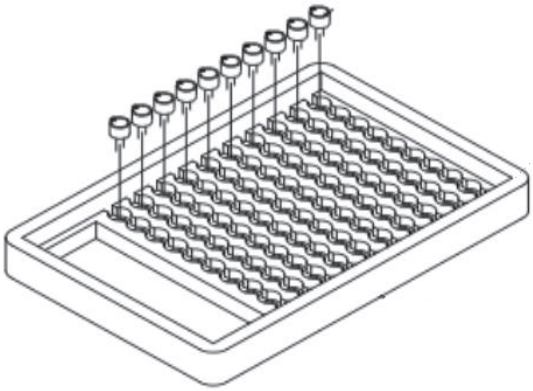




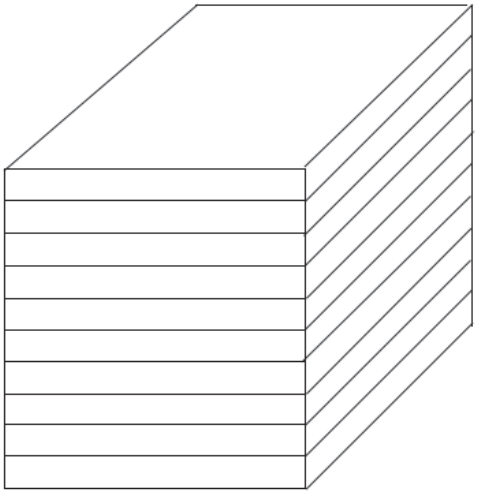
PACKAGING

units: mm

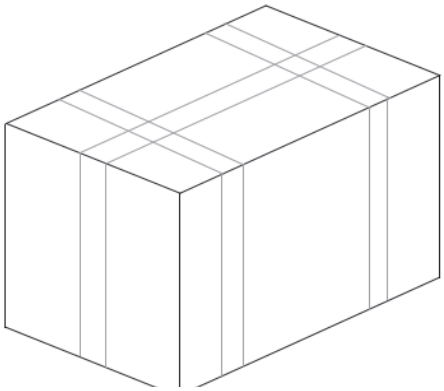
Tray Size: 230 x 135 x 35 mm
Tray QTY: 100 pcs per tray
Carton Size: 490 x 350 x 270 mm
Carton QTY: 4,000 pcs per carton



100PCS/BOX
BOX SIZE:23*13.5*3.5CM



10BOXES/STACK, TOTAL 1000PCS
STACK SIZE:23*13.5*28CM



4000PCS/CARTON
CARTON SIZE:49*35*27CM

REVISION HISTORY

rev.	description	date
1.0	initial release	12/02/2020

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

CUI DEVICES

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

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