CUI DEVICES

MODEL: CUSA-T601-150-2400-TH | **DESCRIPTION:** ULTRASONIC SENSOR

FEATURES

- aluminum can
- open type
- trasmitter
- detectable range 15 meters



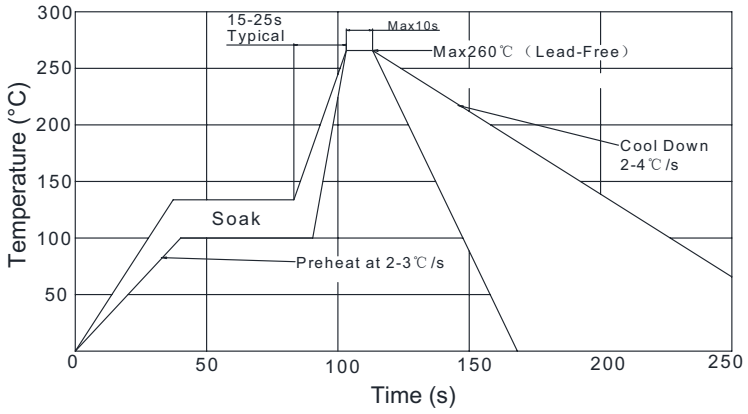
RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
type	transmitter				
operating voltage				60	Vp-p
frequency		24	25	26	kHz
sound pressure level	at 10 V, 30 cm, sine wave	115			dB
directivity	at -6dB	45	60	75	degree
capacitance	at 1 kHz	1,800	2,400	3,000	pF
detectable range				15	m
dimensions	Ø24 x 14				mm
material	aluminum				
terminal	pins (iron, copper with tin plating)				
weight			6		g
operating temperature		-20		80	°C
storage temperature		-20		80	°C
RoHS	yes				

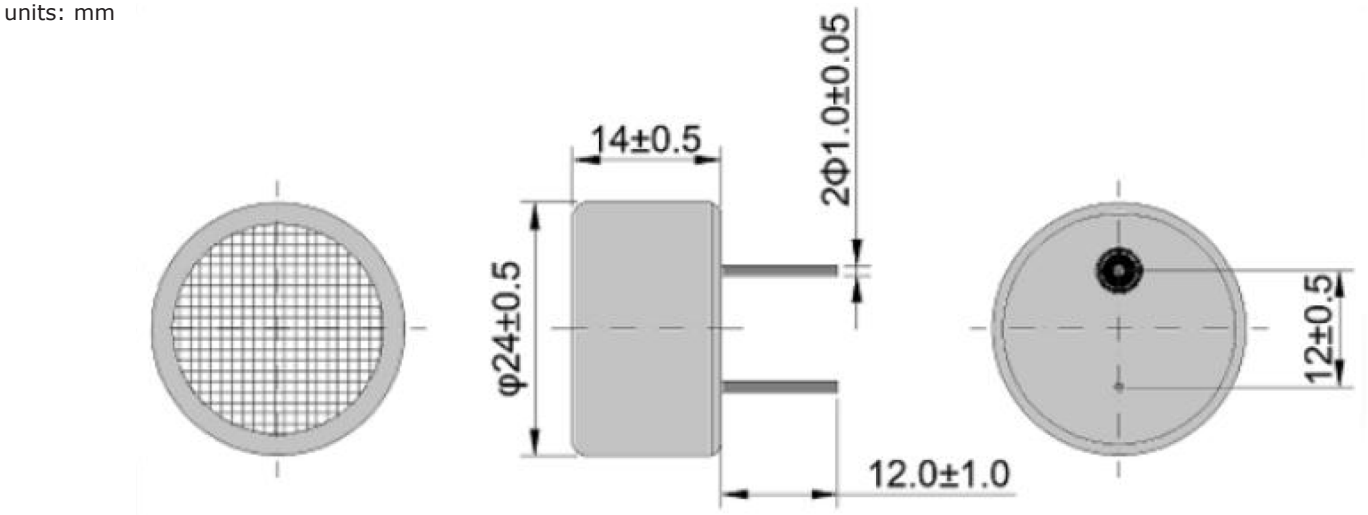
SOLDERABILITY

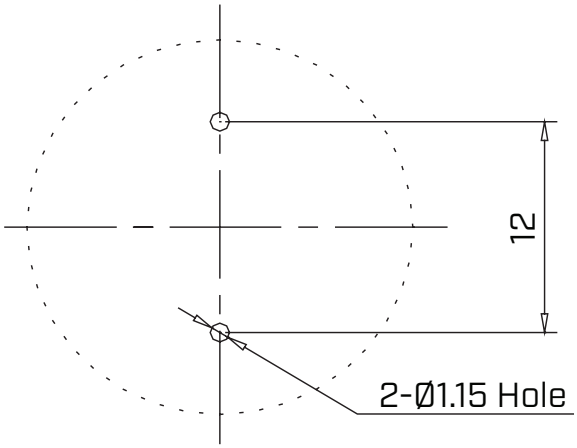
parameter	conditions/description	min	typ	max	units
wave soldering				260	°C



MECHANICAL DRAWING

units: mm

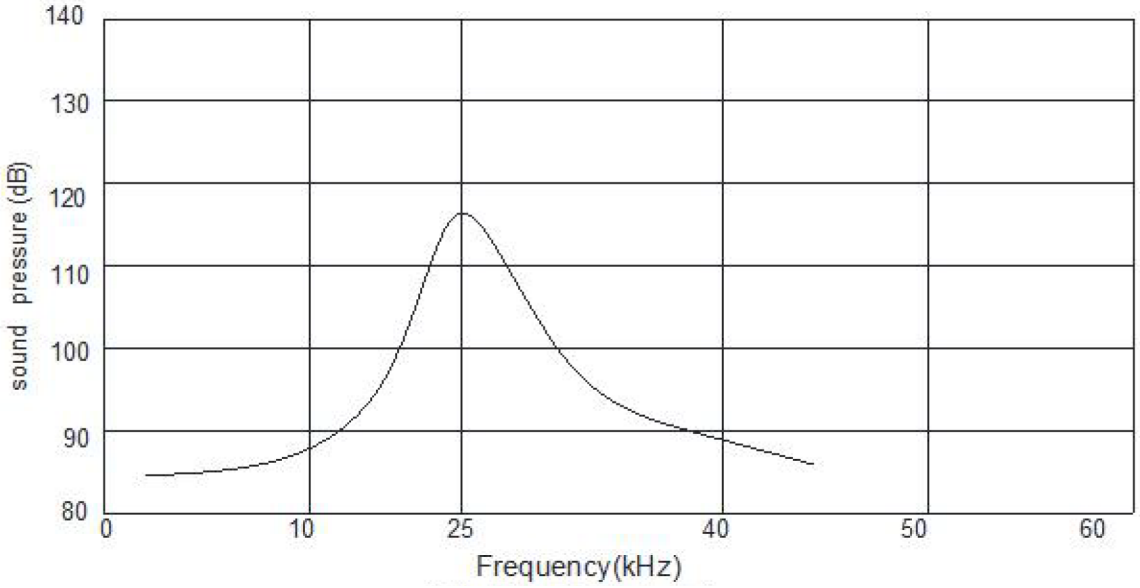




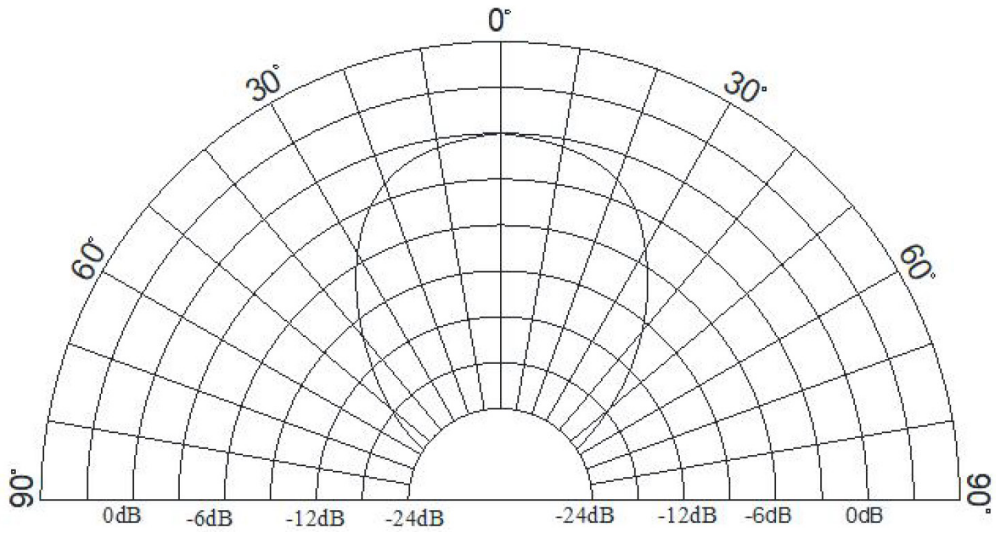
Recommended PCB Layout
Top View

BEAM PATTERNS

SPL vs. Frequency



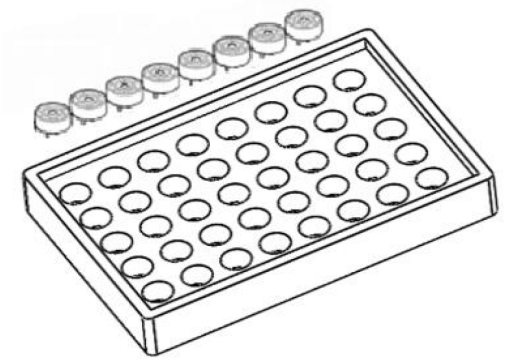
Directivity



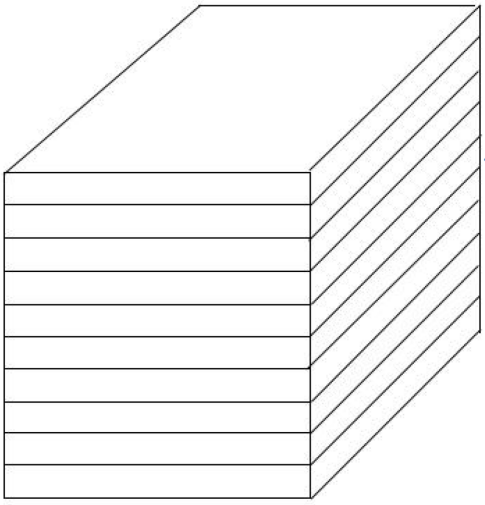
PACKAGING

units: mm

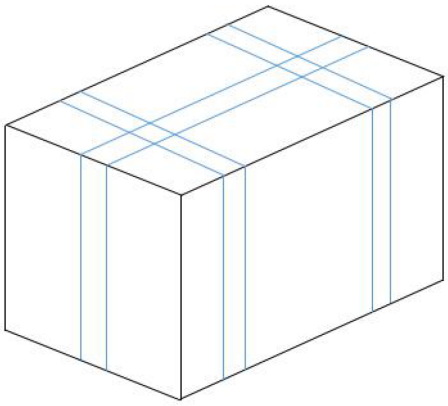
Tray Size: 220 x 150 x 30 mm
Tray QTY: 40 pcs per tray
Carton Size: 460 x 320 x 330 mm
Carton QTY: 1,600 pcs per carton



40PCS/BOX
BOX SIZE:22*15*3CM



10BOXES/STACK, TOTAL 400PCS
STACK SIZE:22*15*31CM



1600PCS/CARTON
CARTON SIZE:46*32*33CM

REVISION HISTORY

rev.	description	date
1.0	initial release	05/18/2022

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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