

**MODEL:** CUSA-TR65-065-2200-W68 | **DESCRIPTION:** ULTRASONIC SENSOR**FEATURES**

- aluminum can
- IP68 rated
- combination unit: receiver & transmitter
- wire leads

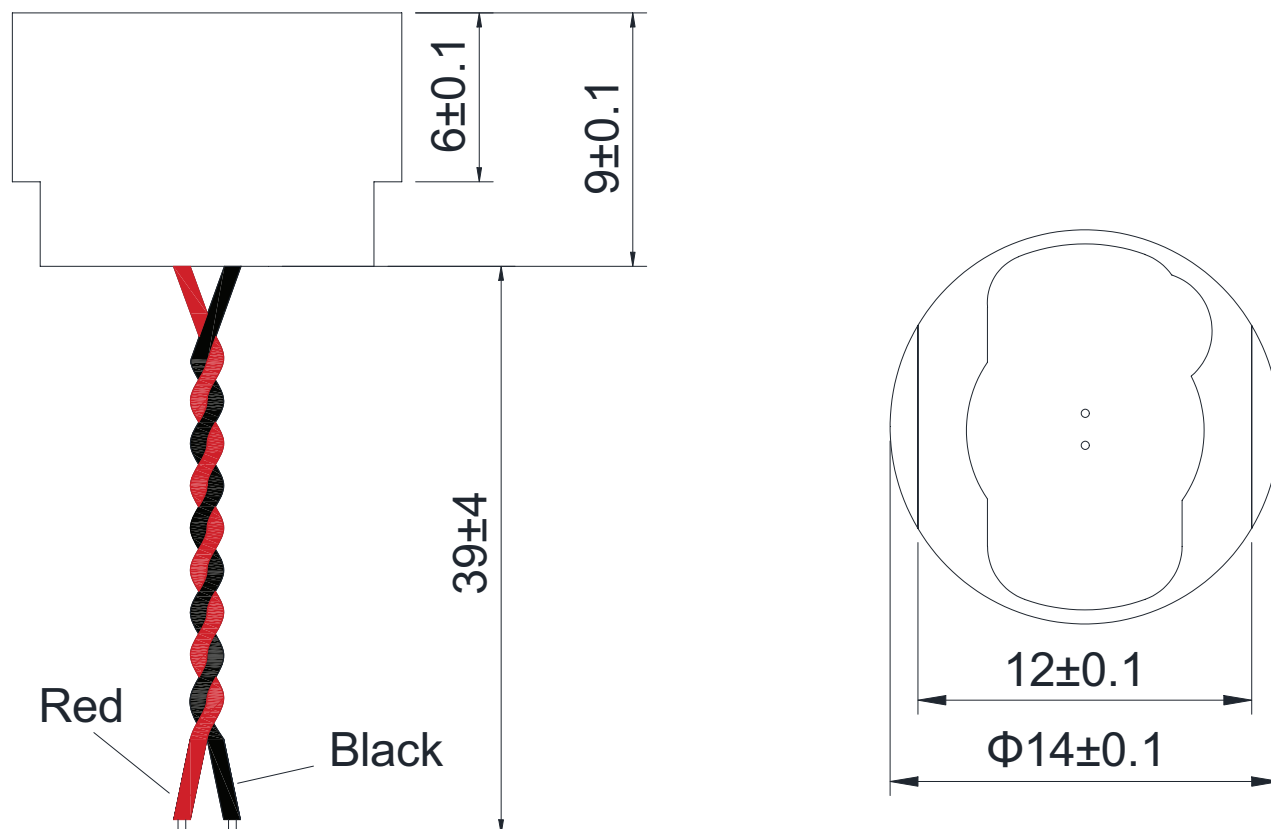
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
type	transmitter/receiver				
operating voltage	at 40 kHz			150	Vp-p
frequency		38.5	40	41.5	kHz
echo sensitivity	at 1 m	120			mV
sound pressure level	at 10 V, 30 cm, sine wave	90			dB
directivity	horizontal angle at -6 dB vertical angle at -6 dB	105 50	120 65	135 80	degree degree
capacitance	at 1 kHz	1,760	2,200	2,640	pF
detectable range		0.4		6.5	m
response time				1.8	ms
impedance				3,000	$\Omega$
dimensions	$\varnothing$ 14 x 9.0				mm
material	aluminum				
terminal	wire leads				
weight			2.92		g
operating temperature		-40		80	$^{\circ}$ C
storage temperature		-40		85	$^{\circ}$ C
RoHS	yes				
IP level	IP68				

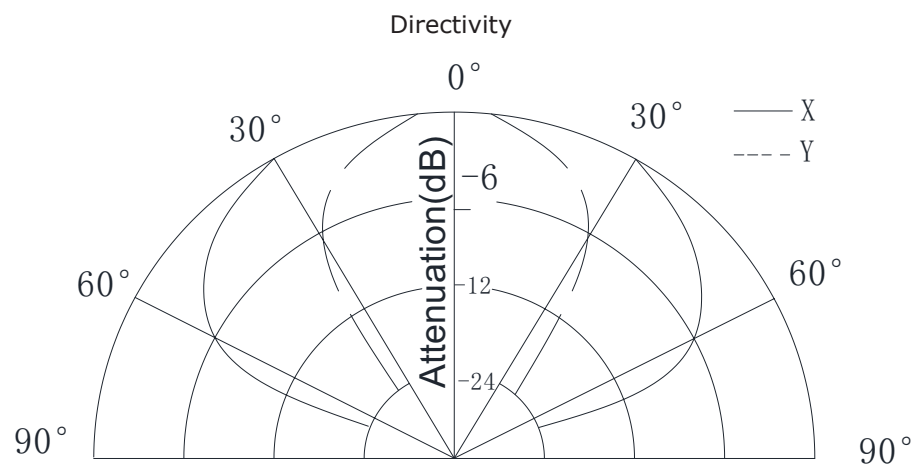
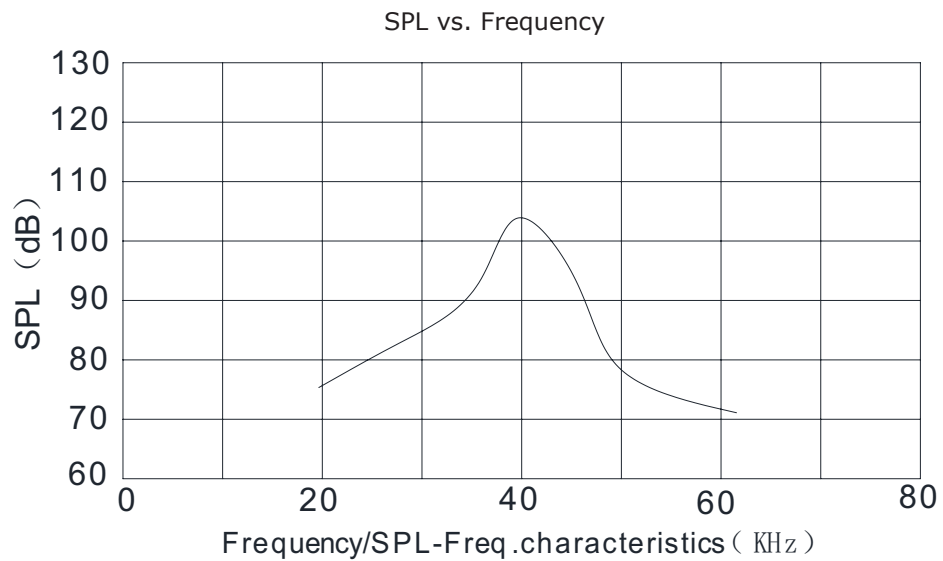
## MECHANICAL DRAWING

units: mm

wire: UL1571 30 AWG



## BEAM PATTERNS



## PACKAGING

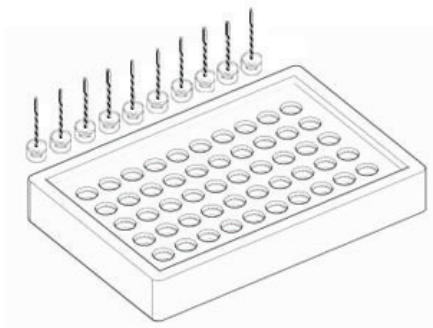
units: mm

Tray Size: 235 x 135 x 30 mm

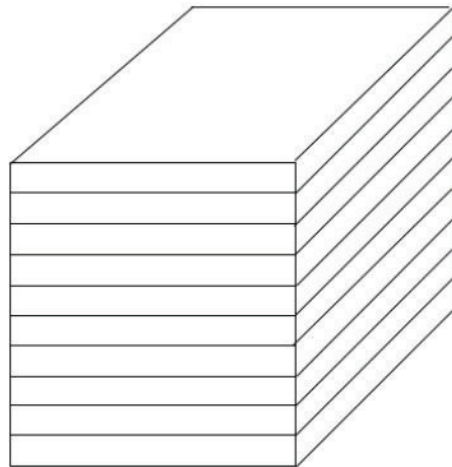
Tray QTY: 50 pcs per tray

Carton Size: 280 x 285 x 240 mm

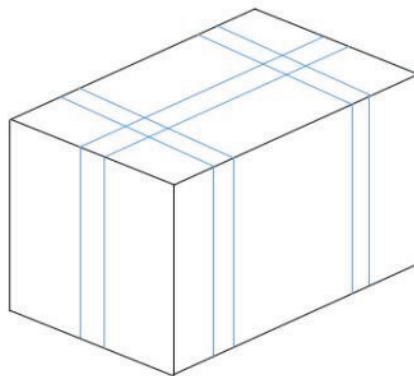
Carton QTY: 1,000 pcs per carton



50PCS/BOX  
BOX SIZE:23.5\*13.5\*3CM



10BOXES/STACK, TOTAL 500PCS  
STACK SIZE:23.5\*13.5\*31CM



1000PCS/CARTON  
CARTON SIZE:28\*28.5\*24CM

## REVISION HISTORY

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rev.	description	date
1.0	initial release	05/17/2022

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

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# CUI DEVICES

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