


**MODEL:** CUSP-TR12-010-1150-WC | **DESCRIPTION:** ULTRASONIC SENSOR

**FEATURES**

- plastic housing
- combination receiver & transmitter
- IP65
- wire leads w/ 2-pin connector

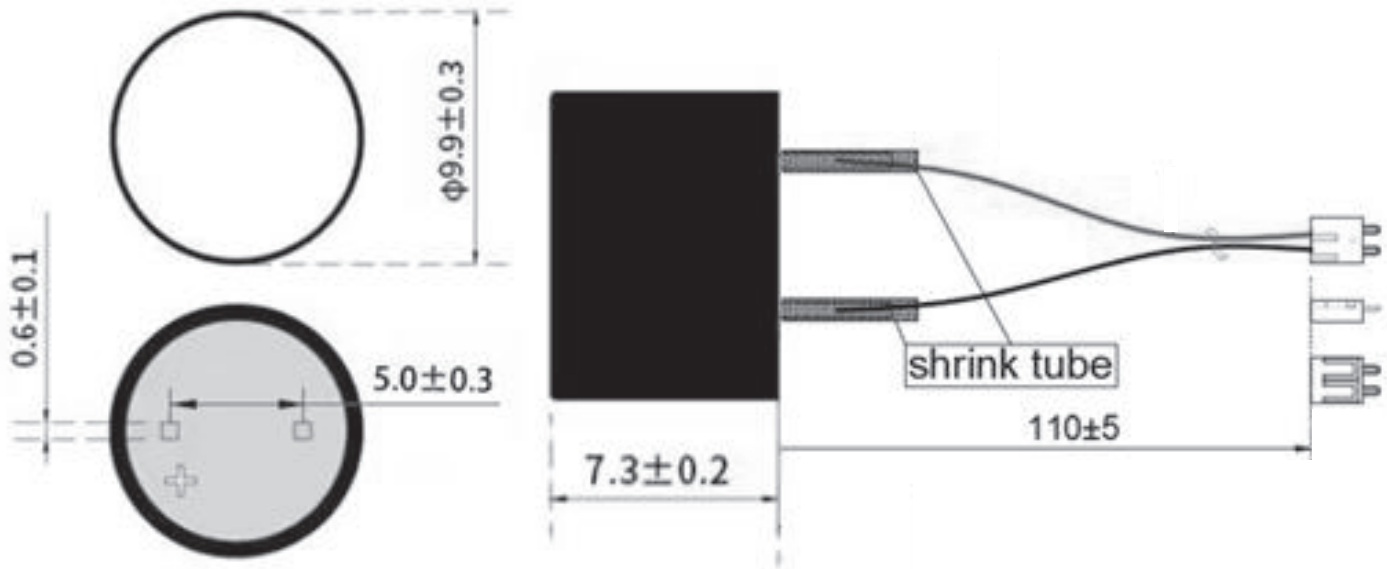

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
type	receiver/transmitter				
operating voltage				50	Vp-p
frequency		270	300	330	kHz
echo sensitivity	at 10 cm	1.8		3.8	V
directivity	at -6 dB	9		12	degree
capacitance	at 1 kHz	920	1,150	1,380	pF
detectable range		0.05		1	m
response time	at 10 Vp-p, 5 pulses, 300 kHz			0.30	ms
impedance	at internal resistance 100 $\Omega$ , 1 kHz, 1 V	960	1,200	1,440	$\Omega$
dimensions	$\varnothing 9.9 \times 7.3$				mm
material	nylon (black)				
terminal	wire leads with connector				
weight			1.1		g
operating temperature		-20		60	$^{\circ}\text{C}$
storage temperature		-20		70	$^{\circ}\text{C}$
RoHS	yes				
IP level	IP65				

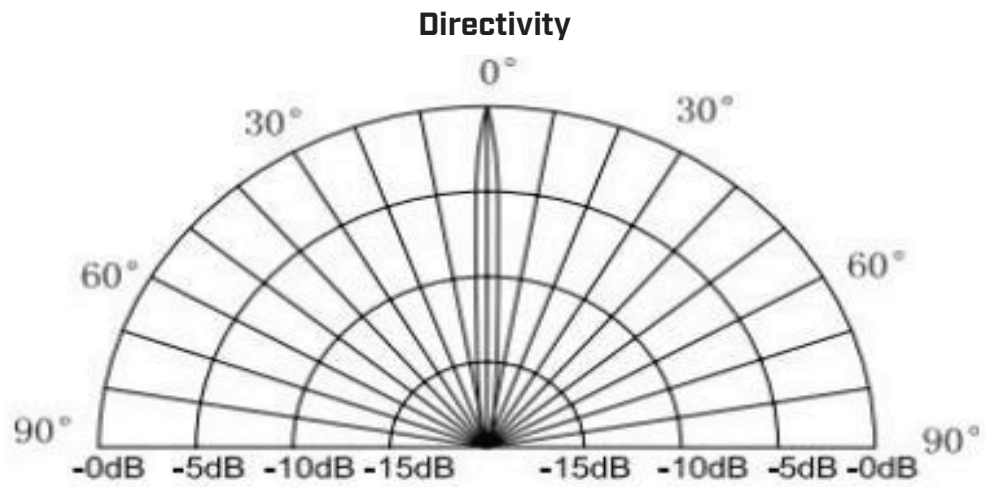
## MECHANICAL DRAWING

units: mm

wire: UL1571, 30 AWG  
connector: JAM JB20-02HG



## BEAM PATTERNS



## REVISION HISTORY

rev.	description	date
1.0	initial release	08/09/2024
1.01	CUI Devices rebranded to Same Sky	09/12/2024

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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