


MODEL: CUSA-TR11-010-1150-W67 | **DESCRIPTION:** ULTRASONIC SENSOR

FEATURES

- aluminum housing
- combination unit receiver & transmitter
- IP67
- wire leads

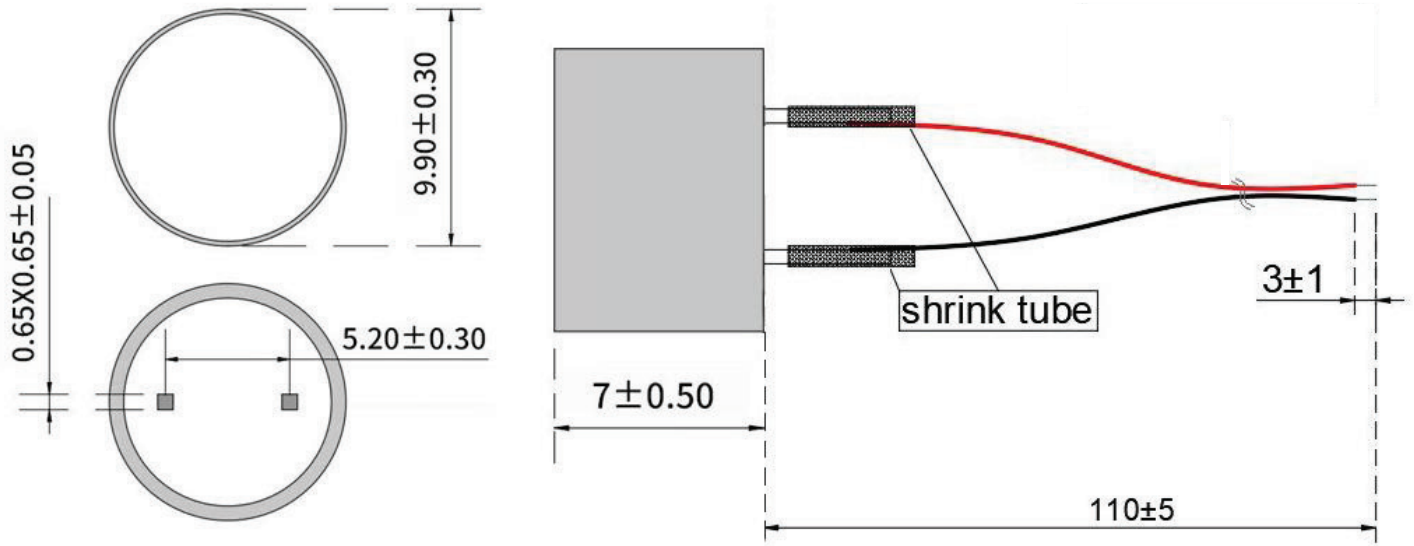

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
type	receiver/transmitter				
operating voltage				100	Vp-p
frequency		270	300	330	kHz
echo sensitivity	at 10 cm	1.5			V
directivity	at -6 dB	9	11	13	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			0.35	ms
impedance	at internal resistance 100 Ω , 1 kHz, 1 V	1,120	1,400	1,680	Ω
dimensions	$\varnothing 9.9 \times 7.0$				mm
material	aluminum				
terminal	wire leads				
weight			1.3		g
operating temperature		-20		60	$^{\circ}\text{C}$
storage temperature		-20		70	$^{\circ}\text{C}$
RoHS	yes				
IP level	IP67				

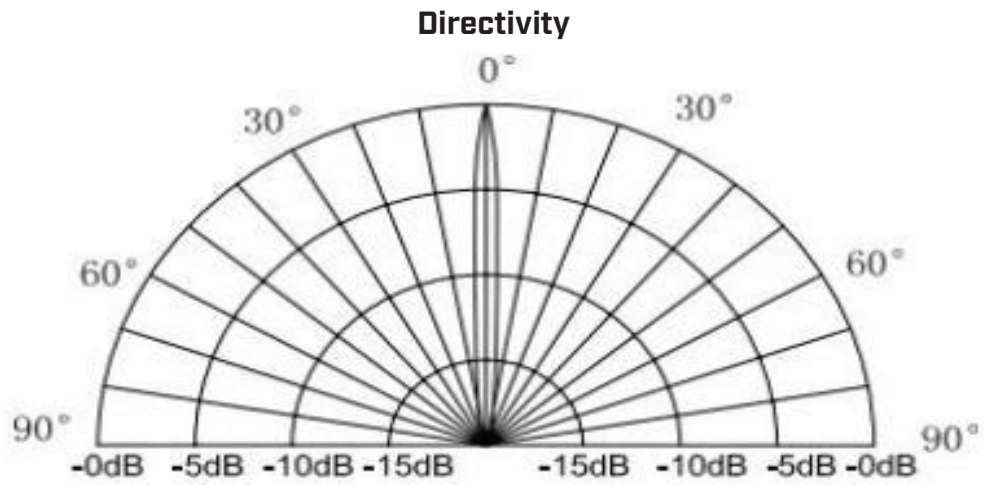
MECHANICAL DRAWING

units: mm

wire: UL 1571, 30 AWG



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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