



MODEL: CUSA-R80-120-2200-W | DESCRIPTION: ULTRASONIC SENSOR

FEATURES

- aluminum housing
- receiver
- open type
- wire leads



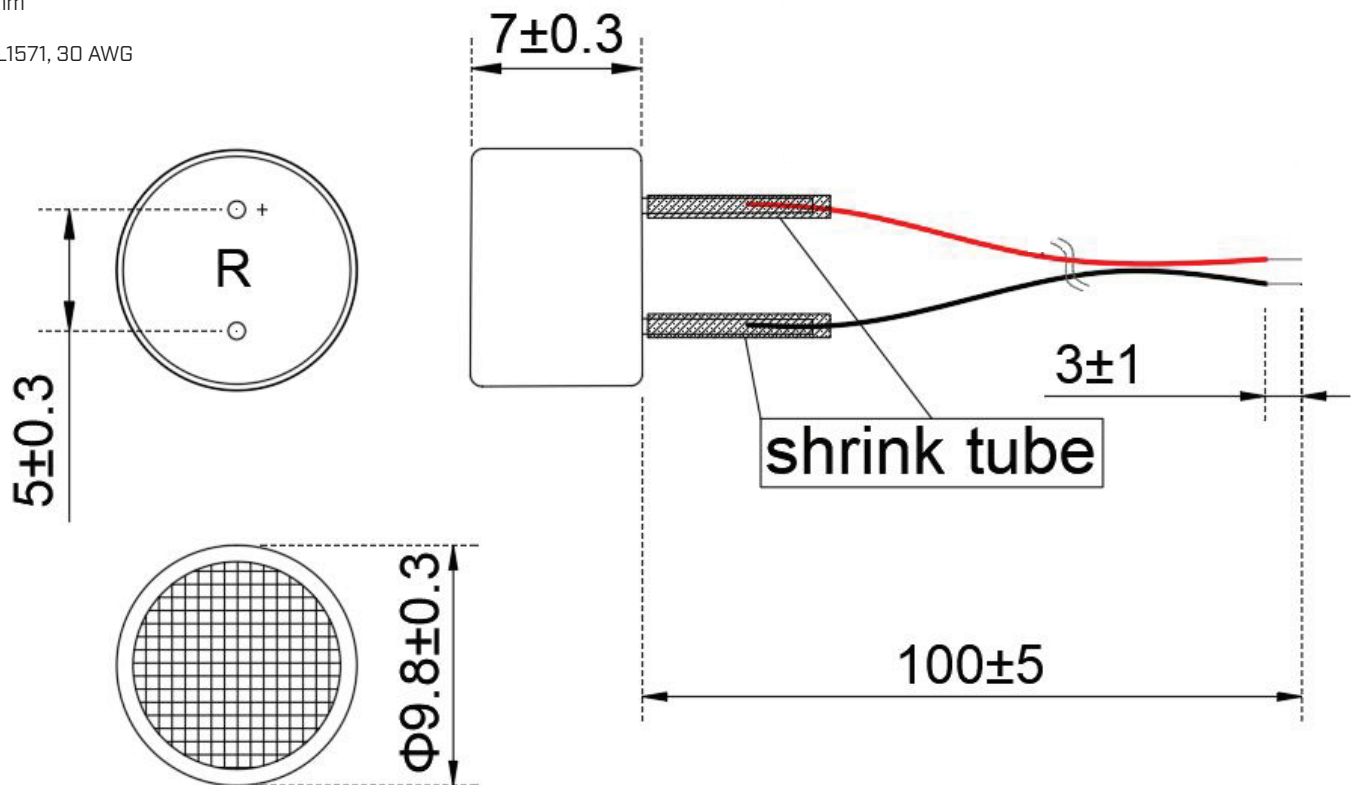
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
type	receiver				
operating voltage				160	Vp-p
frequency		28	29	30	kHz
sensitivity		-75			dBV/ $\mu$ bar
directivity	at -6 dB	65	80	95	degree
capacitance	at 1 kHz	1,650	2,200	2,750	pF
detectable range		0		12	m
dimensions	$\varnothing 9.8 \times 7$				mm
material	aluminum				
terminal	wire leads				
weight			0.94		g
operating temperature		-20		80	$^{\circ}$ C
storage temperature		-20		80	$^{\circ}$ C
RoHS	yes				

## MECHANICAL DRAWING

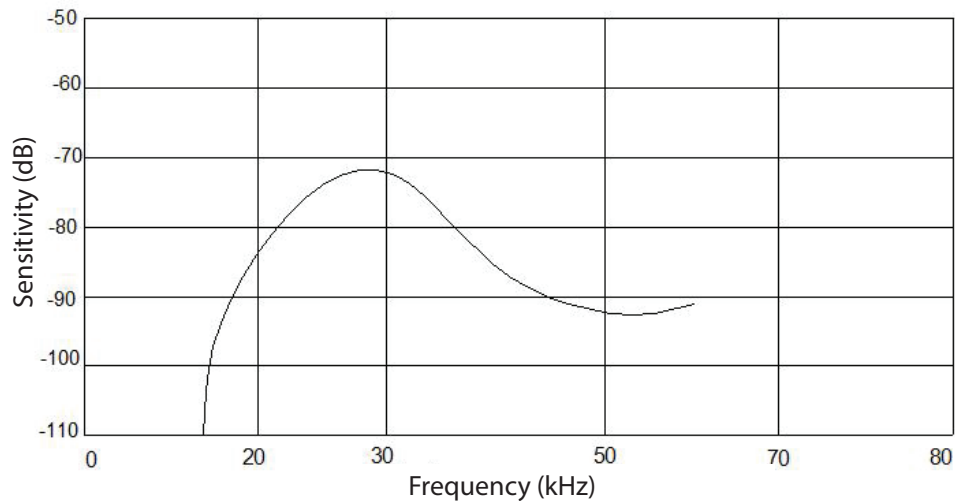
units: mm

wire: UL1571, 30 AWG

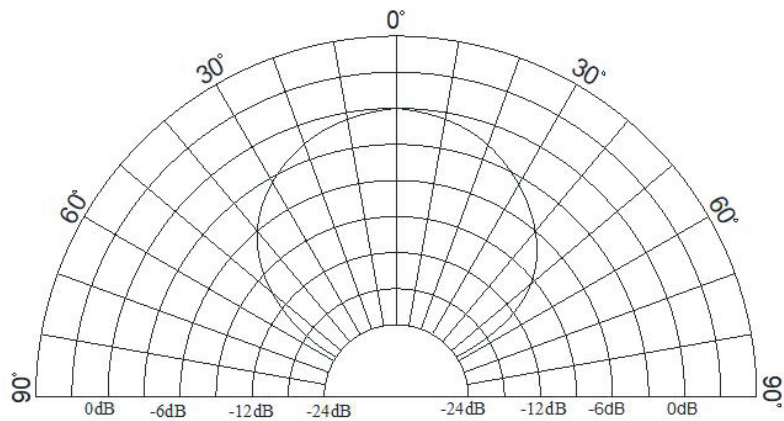


**BEAM PATTERNS**

**Sensitivity vs. Frequency**



**Directivity**



REVISION HISTORY

rev.	description	date
1.0	initial release	08/08/2024
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.

Same Sky reserves the right to make changes to the product at any time without notice. Information provided by Same Sky is believed to be accurate and reliable. However, no responsibility is assumed by Same Sky for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

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