


**MODEL:** CUSA-R80-120-2200-WC | **DESCRIPTION:** ULTRASONIC SENSOR

**FEATURES**

- aluminum housing
- receiver
- open type
- wire leads w/2-pin connector

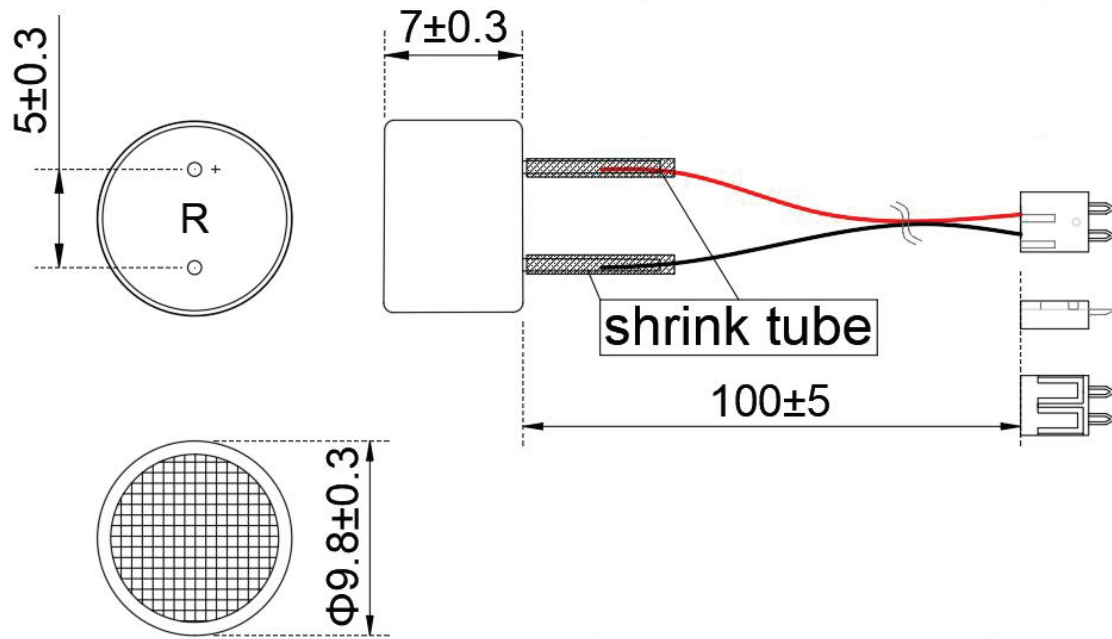

**SPECIFICATIONS**

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 x 7				mm
material	aluminum				
terminal	wire leads with connector				
weight			0.94		g
operating temperature		-20		80	$^{\circ}$ C
storage temperature		-20		80	$^{\circ}$ C
RoHS	yes				

## MECHANICAL DRAWING

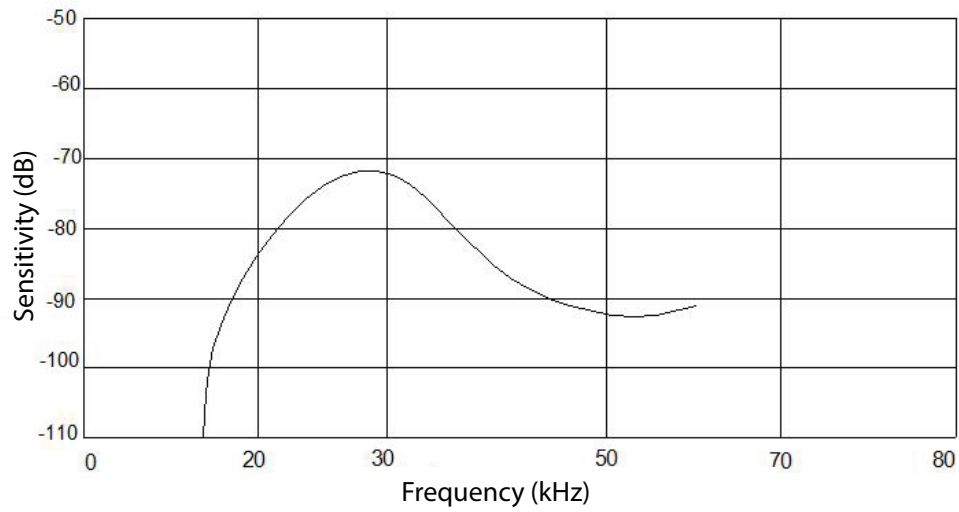
units: mm

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

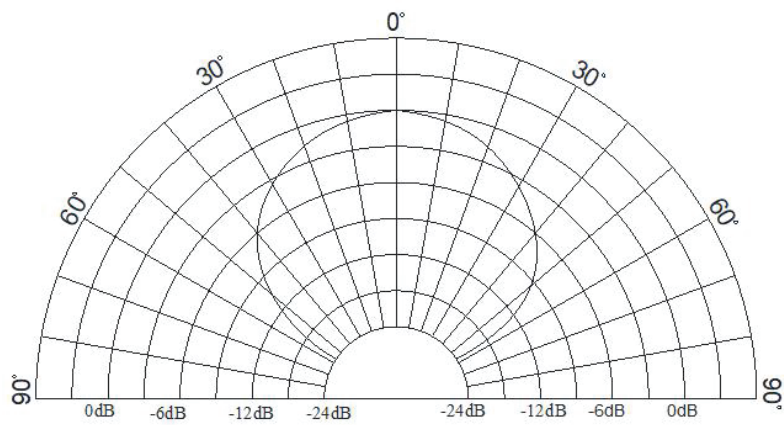


## BEAM PATTERNS

### 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.

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